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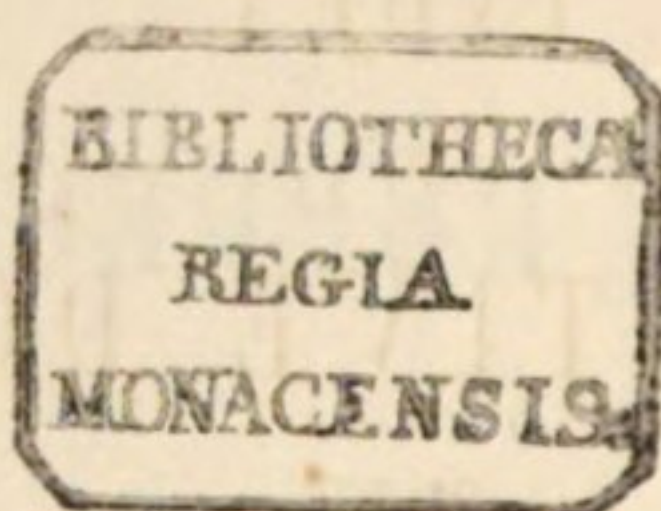
THIRD SESSION OF THE THIRTY-SEVENTH CONGRESS.

1862-'63.

IN TWELVE VOLUMES.

Volume 1	Part of No. 1.
Volume 2	Part of No. 1.
Volume 3	Part of No. 1.
Volume 4	Part of No. 1, and Nos. 2 to 21, inclusive.
Volume 5	Nos. 23 to 51, inclusive.
Volume 6	Nos. 53 to 62, inclusive.
Volume 7	Nos. 64 to 77, inclusive.
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OF THE

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THE PRESIDENT OF THE UNITED STATES
OF AMERICA
IN SENATE AND HOUSE OF REPRESENTATIVES
EXECUTIVE ORDER

WHEREAS the President of the United States is authorized by the Constitution to exercise the executive power and to see that the laws are faithfully executed; and

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37TH CONGRESS, }
3d Session. - }

HOUSE OF REPRESENTATIVES.

{ Ex. Doc.
{ No. 1.

MESSAGE

OF THE

PRESIDENT OF THE UNITED STATES

TO THE

TWO HOUSES OF CONGRESS

AT THE

COMMENCEMENT OF THE THIRD SESSION

OF

THE THIRTY-SEVENTH CONGRESS.

DECEMBER 1, 1862.—Read, and ordered that the usual number of the message and documents be printed.

VOLUME III.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1862.

REPORT

OF

THE SECRETARY OF THE NAVY.

NAVY DEPARTMENT, *December 1, 1862.*

SIR: It is due to the naval service that in this report I should, first of all, recount to you, and through you to Congress and the country, the operations and achievements of our naval forces during the eventful year which has elapsed since my last annual communication. Since the commencement of our national difficulties, four powerful squadrons have been collected, organized, and stationed for duty on our maritime frontier with a rapidity and suddenness which finds no approach to a parallel in previous naval history and which it is believed no other country but our own could have achieved. These squadrons have been incessantly maintaining a strict blockade of such gigantic proportions that eminent foreign statesmen in the highest scenes of legislation did not hesitate, at its commencement, publicly to denounce it as "a material impossibility;" and yet after this most imposing naval undertaking had been for a period of eighteen months in operation, and after its reach had been effectively extended along the entire sweep of our Atlantic and Gulf coasts, from the outlet of the Chesapeake to the mouth of the Rio Grande, the same eminent authorities, with a list in their hands of all the vessels which had evaded or escaped the vigilance of our blockading forces, could not refuse in their official statements to admit with reluctant candor that the proof of the efficiency of the blockade was conspicuous and wholly conclusive, and that in no previous war had the ports of an enemy's country been so effectually closed by a naval force. But even such testimony was not needed. The proof of the fact abounds in the current price of our southern staples in the great commercial marts of the world, and more especially in the whole industrial and commercial condition of the insurgent region. It should not be forgotten that no circumstance is wanting to attest the magnitude of this greatest of all naval triumphs. The industrial necessities and the commercial cupidity of all the principal maritime nations, armed and empowered as they are by the resources of modern invention, are kept at bay. A multitude of island harbors under foreign jurisdiction, looking nearly upon our shores and affording the most convenient lurking places from which illicit commerce may leap forth to its prohibited destina-

tion and purpose, are so closely watched as to render the peril of all such ventures far greater than even their enormous gains when successful. And finally, a vast line of sea-coast nearly three thousand miles in extent, much of it with a double shore and almost honey-combed with inlets and harbors, has been so beleaguered and locked up that the whole immense foreign commerce, which was the very life of the industry and opulence of the vast region which it borders, has practically ceased to exist.

DISTRIBUTION OF THE FORCE.

Some changes in the command of the squadrons and flotillas have taken place, and new organizations have been made during the year.

The North Atlantic squadron, guarding the Virginia and North Carolina coasts, continued in charge of Rear Admiral Goldsborough until the 5th of September, when he was relieved on his own request by Acting Rear Admiral S. P. Lee, who has since had that command.

In the South Atlantic squadron, which blockades the harbors and coasts of South Carolina, Georgia, and the eastern portion of the Florida peninsula, no change has taken place. Rear Admiral Du Pont, assigned to that squadron when it was first made a distinct organization, still remains in active and useful service on that highly interesting station.

The necessity of a division of the Gulf squadron having been stated to be necessary in my last annual report, was consummated on the 21st of February. Flag-Officer McKean retaining command of the eastern Gulf squadron, the limits of which comprised the southern and western portions of the Florida peninsula, commencing at Cape Canaveral on the eastern coast, and extending to Pensacola. On the 4th of June he was, on his own application, in consequence of impaired health, relieved by Acting Rear Admiral Lardner. This officer's health also giving way, he was compelled to ask to be relieved, and Commodore Theodorus Bailey has been appointed his successor.

The western Gulf squadron guarded a coast which, commencing at and including Pensacola, extended westward to the Rio Grande, and was, from a variety of causes, one of the most important and responsible commands ever intrusted to a naval officer. From the harbors and rivers subject to that blockade there are exported in peaceful times vast amounts of cotton, sugar, and other products. Within those limits are the ocean outlets of the great central valley of the Union; and in selecting the officer who should be put in command of the squadron, regard was had to an expedition for which the department had made extensive preparation, and in which the whole government had participated, for the capture of New Orleans and reopening the navigation of the Mississippi. After scrutiny and deliberate consideration this responsible position was intrusted to Captain D. G. Farragut, in the confident belief that his courage and energy were equal to the exigency.

Besides these large squadrons on our maritime frontier, it became a necessity at an early period of the insurrection to have an organized

naval force on the Mississippi and its tributaries. On the 16th of May, 1861, Commander John Rodgers was directed to report to the War Department, which in the preliminary stages assumed the chief expense, for the purpose of initiating an armed flotilla on the western waters, and immediately entered upon his duties. Proceeding to the west, he purchased steamers which, under his supervision, were fitted, armed, and armored as gunboats, and thus was commenced the organization of the Mississippi flotilla, which a few months later made itself felt in a succession of achievements that electrified the country. But before Commander Rodgers had an opportunity of completing his arrangements and taking his vessels into action, Captain A. H. Foote was appointed to the command of the flotilla. The labors commenced by Commander Rodgers swelled into gigantic proportions under Flag-Officer Foote, whose energies and talents were exerted in creating and preparing that navy on the western waters which he soon made so serviceable to the country. Painfully wounded at Fort Donelson, he was relieved on the 9th of May by Captain Charles H. Davis, who was soon after appointed chief of the Bureau of Navigation, and in October relinquished the command. By order of Congress the gunboat fleet was transferred to the navy, and now constitutes an important squadron, under the command of Acting Rear Admiral D. D. Porter, who entered upon his duties on the 15th of October.

The active operations of the Potomac flotilla ceased, in a great measure, after the erection of the extensive rebel batteries on the Virginia shore, in the autumn of 1861. For several months the commerce on this important avenue to the national capital was almost entirely suspended, though at no time was the passage of our armed naval vessels prevented. In March the batteries were abandoned by the insurgents, and the troops which garrisoned them were withdrawn. The advance of our army towards Richmond made the duty on the Potomac comparatively light during the spring and summer. At present the flotilla is under the command of Commodore Harwood, and is rendering good service by checking illicit traffic and capturing many prisoners and no small amount of property.

The transfer of the army to the York peninsula, and its detention before Richmond, compelled the Navy Department to divert some of its gunboats and vessels destined for other service to the waters of James and York rivers. After the battle of Malvern Hill and the concentration of the army on James river, such was the condition of affairs that it became necessary to organize the vessels which had been retained to co-operate with and protect the army into a distinct organization. Captain Charles Wilkes was detailed for that duty on the 6th of July, and entered upon the work with energy; but the withdrawal of the army from the peninsula in August released the vessels which had been diverted from their original destination, and rendered it unnecessary to continue an independent organization in James river. The flotilla was therefore disbanded on the 31st of August.

The persistent and systematic attempts to violate our blockade, and furnish assistance to the insurgents in defiance of our laws, made it

necessary that specific and effective measures should be adopted to prevent those lawless proceedings. This purpose had been interrupted, and the proceedings to effect it delayed, in consequence of the detention of the army before Richmond during the spring and summer, our vessels being indispensable auxiliaries while the army lingered on the upper waters of James river. Immediately on being liberated, a flying squadron was organized with a view of sweeping from our coast and the neighboring waters the lawless contrabandists who made it a business to violate our blockade and promote the efforts of those who are engaged in schemes to break up our Union and subvert the government. The command of this flying squadron has been given to Acting Rear Admiral Wilkes, who sailed from Hampton roads in the Wachusett on the 24th of September.

NAVAL EXPEDITIONS.

This exhibition of the distribution and attitude of our naval force naturally introduces a succinct history of that remarkable series of naval expeditions and operations along our southern seaboard and through the great rivers of the central valley in which the power and valor of our navy have been so strikingly displayed. These expeditions, it must be remembered, were undertaken in addition to, or rather in aid of, the unrelaxing labors of the blockade. They were conceived and directed in the policy early adopted and uniformly adhered to by this department, of the most active and strenuous prosecution of the war so long as the war should last, and whenever and wherever an effectual blow could be struck against the power or resources of the rebellion by the naval force. In this view this department has constantly sought the co-operation of the army when such co-operation was indispensable to success, and when such co-operation was not indispensable the navy alone has acted. The result is that the Mississippi, the main artery of the great central valley of the Union, with its principal tributaries embracing many thousand miles of inland navigation which had been interrupted, is under our control, except at Vicksburg, where the rebels still retain possession, but from which, with a co-operating military force, they can at any time be expelled. Each one of our blockading squadrons has secured and holds a considerable portion of the coast within their respective limits, and in each there is a commodious and open port for rendezvous, refitment, and supply, where imports and exports may be made under the authority of a collector duly appointed by the national government. Nearly the entire seaboard of the insurgent region, in its main points of commercial or strategic importance—from Norfolk and the outlet of the Chesapeake through Roanoke, Newbern, and Beaufort, N. C., Port Royal, Tybee, Fernandina, Key West, Pensacola to New Orleans and Galveston—is practically in our hands, held fast and irrecoverably under the guns of our navy, or else garrisoned and governed by our military force. But a short time can elapse before the few remaining ports which are still in the possession of the insurgents will be reduced to our naval or military occupation and authority.

When the insurrection is thus excluded from the coast there may be presented for decision, and its near approximation makes allusion to it justifiable, the grave and important question whether, in so far as relates to all such ports and places on the insurgent sea-coast thus actually held and controlled by the national government in time of war for war purposes, and by the power of war, it be not our right and duty to dismiss the costly apparatus and embarrassing formalities and rules of an international blockade and to substitute in place of it, within all the ports and places held and occupied by our forces, our own domestic authority to control all trade therein, as we control everything else there, and thus to subject at such points all commerce, coastwise and foreign, of export or import, to such conditions and restrictions and regulations, either of admission or exclusion as a wise war policy may prescribe, and a present war power, afloat in the harbor, or on shore in a military custom-house may enforce. Such has been the practice of nations in times of rebellion. Such was our practice in the Mexican ports which we held during the war with that country. Should such a policy be adopted, among other important advantages resulting from it, would be the release of our fleets from much of their present harassing and exhausting blockade duty, and the immediate concentration of their activity in the protection of our commerce on the high seas by the pursuit in augmented force, and probably the speedy capture and punishment, of the marauders who now avail themselves of the incessant occupation of the mass of our naval force in other scenes of action, for the temporary prosecution of their piratical designs.

NORTH ATLANTIC SQUADRON—ROANOKE ISLAND.

At the commencement of the blockade constant annoyance was experienced from various sources by means of vessels of light draught, which made ingress or egress through the sounds and inner waters on the coast of North Carolina. To gain possession of the important points within the sounds was therefore necessary.

Early in January a joint expedition of the navy and army for operations in the waters of North Carolina moved from Hampton roads, under the command of Flag-Officer L. M. Goldsborough and Brigadier General A. E. Burnside respectively.

The naval force, consisting of seventeen light draught vessels with an armament of forty-eight guns, most of them of heavy calibre, arrived at Hatteras inlet on the 13th of January, and in two days succeeded, though with labor and difficulty, in passing over the bulkhead and through the narrow, shallow, and tortuous channel; but the army transports were unable to surmount the obstacles and be fully prepared for active co-operation until some weeks later. On the morning of the 5th of February the combined expedition proceeded towards Roanoke island; the naval vessels, placed by Flag-Officer Goldsborough under the immediate command of Commander Stephen C. Rowan, were formed in three separate columns, commanded, respectively, by Lieutenants Reed Werden, Alexander Mur-

ray, and H. K. Davenport. On the morning of the 7th the vessels of the insurgents, eight in number, were discovered drawn up behind an extensive barricade, formed by a double row of piles and sunken vessels, stretching across the sound. At 10.30 the engagement commenced, and by noon became general. By 4 p. m. the batteries were temporarily silenced and the first landing of troops effected. At midnight over 10,000 troops had disembarked.

The engagement was renewed the following morning and carried on chiefly by the army until 1 p. m., when the fleet proceeded to open a passage through the obstructions, which was successfully accomplished by 5 p. m., and the national flag was hoisted on Pork Point. Firing of their works and one of their steamers were the closing events of the day, the rebels yielding the island to our possession.

Retreating from Roanoke island, the rebel naval fleet fled up the sound and into Pasquotank river, towards Elizabeth City, Commander Rowan pursuing them with the flotilla, anchoring for the night a few miles from Fort Cobb. At 8 a. m., February 10, the rebel steamers, under command of W. F. Lynch, formerly of the navy, were discovered drawn up behind a battery of four guns, supported by a schooner on the opposite side of the river, armed with two heavy 32-pounders. Fire was opened by the insurgents from the forts and steamers at long range. Commander Rowan pushed on steadily until within three-fourths of a mile, when he opened fire and dashed ahead at full speed. This bold and wholly unanticipated onset dismayed the rebels, who hastily abandoned their works, which, with their entire fleet, were captured or destroyed.

Passing up the river the flotilla took possession of Elizabeth City. Lieutenant Murray was despatched with a small force to Edenton, of which he quietly took possession, and on returning from this duty he was sent to obstruct the Chesapeake and Albermarle canal.

In this expedition there were five armed steamers and one schooner destroyed, and one steamer, the *Ellis*, captured.

CAPTURE OF NEWBERN AND WASHINGTON, N. C., AND CAPITULATION OF FORT MACON.

Flag-Officer Goldsborough having been recalled to Hampton roads, a combined army and naval expedition, under General Burnside and Commander S. C. Rowan, left Hatteras inlet and arrived at Slocum's creek, the point selected for the disembarkation of the troops, on the 12th of March.

The next morning the landing of troops commenced, the gunboats shelling the woods at the point of landing as the troops advanced on shore. At the same time six naval boat howitzers with their crews, under command of Lieutenant R. S. McCook, were landed to assist in the attack on the enemy's works. About 4 p. m. the first of the enemy's batteries opened upon our boats and were answered at long range, the firing ceasing at sundown, and the fleet anchoring in a position to cover the troops. Early on the morning of the 14th, the army having engaged the enemy in force, Commander Rowan moved

steadily up the river with his fleet, and the insurgents abandoned their forts in succession under the pressure of the combined columns moving upon them. On arriving at Newbern, the rebels having fled. Commander Rowan took possession of the place, and later in the day the army were moved across the Trent and occupied the city.

The approach by the river to Newbern was heavily obstructed with piles and torpedoes, from which the vessels sustained some injury, and the passage was disputed by six forts, at distances of from half a mile to a mile and a half from each other, and mounting 32 guns, ranging from 32-pounders to 80-pound rifled cannon.

Lieutenant McCook is reported as having rendered most effective service with his naval battery, and Commander Rowan bears cheerful testimony to the gallant conduct of the officers and men of his entire command. Several steamers and schooners, large quantities of pitch and turpentine, and a valuable stock of arms and munitions of war fell into our hands with the capture of Newbern.

After the fall of Newbern Lieutenant Commanding A. Murray was despatched with a naval column, accompanied by a detachment from the army, to take possession of Washington, N. C. Forcing a passage through the obstructions in the approach to that place, he arrived there on the 21st of March, and it was surrendered to him without resistance.

The batteries on shore having, on the morning of the 25th of April, opened fire on Fort Macon, Commander Samuel Lockwood, senior officer of the blockading fleet off Beaufort, prepared his vessels for action and proceeded within range of the fort. Fire was opened from the steamers Daylight, the State of Georgia, and the Chippewa, and the bark Gemsbok, which was continued about an hour and a quarter, when they were compelled to haul off on account of the heavy sea. In the afternoon a flag of truce was displayed from the fort, which, on the next morning, surrendered to Major General Burnside. Commander Lockwood united in signing the articles of capitulation on the part of the United States.

AFFAIR AT WEST POINT.

The arrival of the army of the Potomac on the York peninsula rendered it necessary to detail several gunboats, chiefly from the North Atlantic squadron, within whose limits it is, to convoy the transports and protect the right flank of the army on its march along the York and Pamunkey rivers. While on this service, on the 7th of May, the enemy, in large force, attacked General Franklin's division, constituting the right wing of the army at West Point, the junction of the Pamunkey and Mataponi. The assistance of the navy was requested by General Franklin, and Commander William Smith, senior officer of the naval forces in York river, ordered the gunboats Wachusett, Maratanza, and Sebago to the support of General Franklin. These vessels, taking a position as near the insurgents as possible, opened upon them with great effect. Their fire soon began to slacken, and they commenced their retreat. The aid rendered by our gunboats on this occasion was most essential, enabling General Franklin to hold his position and to repel the rebels.

On the 15th of May the Galena, Monitor, Aroostook, Port Royal, and Naugatuck, all under command of Commander John Rodgers, ascended James river, with no serious obstructions until near Ward's or Drury's Bluff, where piles and sunken vessels disputed their further passage, and a heavy battery exposed the vessels to a plunging fire. The Galena and Monitor ran within 600 yards of the bluff; but the latter was obliged to drop down several hundred yards, as her guns could not be sufficiently elevated for effective service. An action of three hours' duration took place, when, owing to a scarcity of ammunition, the vessels retired to City Point without silencing the battery. The Naugatuck was unfortunately disabled by the bursting of her rifle gun. The men on the vessels were exposed during the contest to a constant fire from sharpshooters concealed in rifle pits on the river bank; but officers and men exhibited great coolness and courage throughout the engagement.

SOUTH ATLANTIC BLOCKADING SQUADRON.

In my annual report in December, 1861, mention was made of the plans and investigations which had been projected during the summer preceding for seizing and holding some of the important ports on the southern coast, and that the command of the South Atlantic squadron had been given to Flag-Officer DuPont, chairman of the commission which had been selected by the department to make examination and report on this subject. I was also enabled to communicate his services at Port Royal and Beaufort, in South Carolina, and the capture of Tybee island, at the mouth of the Savannah river, in November.

Following up these successes, and in order to carry out the original purpose of his command, in addition to the duties of maintaining a blockade of the coast, Flag-Officer DuPont and the squadron became actively engaged in examining the waters and islands on the South Carolina and Georgia coasts, preparatory to their military occupation. Expeditions were sent to St. Helena, North and South Edisto, Warsaw inlet, Tybee and other islands, and other important localities. The necessity of guarding these points until the army was prepared to hold them employed no inconsiderable portion of the naval force in that quarter.

On the 1st of January a force of five gunboats, under Commander C. R. P. Rodgers, was detailed to co-operate with a column of troops, under Brigadier General Stevens, in certain military operations in the vicinity of Beaufort, South Carolina. The movements, both naval and military, were conducted with success. The effective action of the navy on this occasion elicited from the late gallant General Stevens a very complimentary acknowledgment, and the entire management of the expedition is commended in high terms by Flag-Officer DuPont.

FORT PULASKI.

At the commencement of the project of cutting off communication between Fort Pulaski (held by the rebels) and Savannah, and the

ultimate repossession of that fort, received consideration and was prepared for by frequent and successful reconnoissances. An expedition being in the course of preparation to capture Fernandina and other points south, the occasion was not permitted to pass unimproved of making a reconnoissance which would serve as a demonstration upon Savannah and cover up the real purpose, which was an attack on Fernandina.

Accordingly, on the 27th of January, a fleet of gunboats under Flag-Captain Charles H. Davis, and of transports conveying a column of troops under Brigadier General Wright, entered Little Tybee river, and passed beyond the highlands of Wilmington island. They examined the creeks and localities, and obtained much valuable information, so necessary to future successful military operations.

While on this service five steamers, the rebel fleet of Commodore Tatnall, made their appearance. Captain Davis and Commander John Rodgers, who was at anchor in Wright river, opened upon them. A short but spirited engagement of less than half an hour followed, when a part of the rebel fleet was forced back, and the remainder escaped to Fort Pulaski. The appearance of such a force in Wilmington and Warsaw sounds created a sense of alarm at Savannah, inducing the withdrawal of troops from other points in anticipation of an attack on that city. In the capture of Fort Pulaski, a purely military operation, which occurred some months afterwards, August 11, the navy had the good fortune to participate, a detachment of officers and men from the Wabash serving in one of the breaching batteries, and having the management of four rifle guns in battery Sigel.

REPOSSESSION OF FERNANDINA, ST. MARY'S, FORT CLINCH, JACKSONVILLE
ST. AUGUSTINE, BRUNSWICK, ETC.

The repossession and reoccupation of the eastern coast of Florida was another of the primary objects on the part of the South Atlantic organization. Flag-Officer DuPont sailed from Port Royal in the Wabash on the last day of February, and on the 2d of March, transferring his flag to the Mohican, entered Cumberland sound in that vessel, accompanied by 18 other vessels of the navy, the armed steamer McClellan carrying a battalion of marines, under the command of Major Reynolds, and several transports containing a brigade, commanded by Brigadier General Wright.

The immediate object of this expedition was the repossession of Fort Clinch and the capture of Fernandina. The insurgents abandoned their works of defence, and rapidly retreated.

Commander Drayton with a division of the force proceeded to Fernandina, and occupied that place. The flag was hoisted on Fort Clinch, the first of the national forts seized by the insurgents on which the ensign of the Union had resumed its proper position since the commencement of the rebellion. This fort and the several batteries commanding the channel of approach to Fernandina bore every indication of preparation for a vigorous defence, and their abandon-

ment without an effort to hold them was as much of a surprise as it was doubtless a disappointment to those who had come to capture them.

Commander C. R. P. Rodgers with a second division was sent to occupy St. Mary's. Lieutenant Commanding T. H. Stevens, in the Ottawa, pushed on from this place, and encountering the rebel riflemen and cavalry on the banks he soon dispersed them.

On the 7th of March a small force was sent, under Commander S. W. Godon, to hold Brunswick, and about the same time a squadron of light vessels was organized and sent to Jacksonville, both of which places were surrendered without opposition. On the 12th of March St. Augustine surrendered without exhibition of force—the citizens raising the flag of the Union with their own hands.

This expedition, organized chiefly from the forces which had but a short time previous participated in the capture of Forts Walker and Beauregard and Beaufort, though carried through without loss of life, was of very considerable importance. It secured to us Fort Clinch, Fernandina, St. Mary's, Cumberland island and sound, Amelia sound, Jacksonville, St. Augustine, and Brunswick, in reality the coast and inland waters from St. Simon's southward.

STONO RIVER AND MOSQUITO INLET.

From information derived chiefly from the contraband pilot, Robert Small, who had escaped from Charleston, Flag-Officer DuPont, after proper reconnoissance, directed Commander Marchand to cross the bar with several gunboats and occupy Stono. The river was occupied as far up as Legareville, and examinations extended further, to ascertain the position of the enemy's batteries. The seizure of Stono inlet and river secured an important base for future military operations, and was virtually a turning of the forces in Charleston harbor.

On the 22d of March, Acting Lieutenant Budd, commanding the steamer Penguin, and Acting Master Mather, commanding the steamer Henry Andrew, with boats' crews from those vessels, proceeded some fifteen or eighteen miles up one of the lagoons of Mosquito inlet. Returning, they landed, in one of the boats, near some earthworks, which had been abandoned or never armed, in the vicinity of a dense grove of live-oak and underbrush. A heavy and continuous fire was suddenly opened upon them from this cover, killing both of those officers and six of the boats' crews, and wounding several others, two of whom were made prisoners. The service thus lost two meritorious officers, who had volunteered their services to aid in suppressing the rebellion.

EASTERN GULF SQUADRON.

In January last Flag-Officer McKean despatched Commander Emmons, with the steamer Hatteras, to operate against the rebels at Cedar Keys. This place was quite a depot, and several vessels had recently been taken thither for safety and to load with produce.

Commander Emmons was entirely successful, having captured or

destroyed all the public property in that locality, including military stores, a battery of two guns in position on Sea Horse Key, barracks, railroad depot and wharf, and several schooners, laden and all ready to be taken out as soon as a favorable opportunity should offer.

In the latter part of March Commander H. S. Stellwagen, of the *Mercedita*, arrived off Appalachicola with that vessel and the *Sagamore*, Lieutenant Commanding A. J. Drake, and organized a boat expedition, the immediate object of which was the capture of a number of vessels understood to be at or above that city.

He was immediately informed by contrabands that the place had been evacuated by the soldiers, some 600 in number, and by the greater part of the citizens, on the appearance of the naval force. To test the truth of this, and to accomplish the objects in view, on the 2d of April six boats from the *Mercedita* and *Saginaw* were sent, under Lieutenants Abbott and Bigelow, to the city. No resistance was offered, and the few remaining citizens came forward to receive them. The expedition brought out several vessels, and others had to be destroyed, owing to the difficulty of getting them over the bar.

Acting Volunteer Lieutenant David Cate, commanding the United States bark *Pursuit*, having received information that the rebel steamer *Florida*, which had succeeded in getting into St. Andrew's, was lying some twenty miles above that town, determined to make an attempt to cut her out. A volunteer expedition was organized, and left the vessel on the 4th of April, and on the night of the 6th reached and surprised the *Florida*. The crew were overcome with slight resistance, and the vessel—a valuable side-wheel steamer of 500 tons—with a cargo of over 200 bales of cotton, was brought safely out.

WESTERN GULF SQUADRON—CAPTURE OF NEW ORLEANS AND REDUCTION OF ITS DEFENCES.

In the autumn of 1861 the capture and occupation of the city of New Orleans and the reopening of the navigation of the Mississippi were resolved upon. It was an undertaking of the greatest difficulty and of the greatest importance. The city itself was the largest and wealthiest in the southern portion of the Union, and from its position it was the most vitally interesting in the whole insurrectionary region. Its defences had been prepared and completed with the whole power, skill, and ingenuity of the insurgents. Forts Jackson and St. Philip, situated in commanding positions to bar the approach to the city from the Gulf, had been armed with one hundred and twenty-six guns of long range and heavy calibre. A fleet of some twenty armed steamers, some of them armored, and four powerful steam iron-clad rams—one of them of four thousand tons, and mounting sixteen heavy cannon—were prepared to co-operate with the fleet, in addition to chains, rafts, and fire-ships, for obstructing the advance of our attacking force, while an army of several thousand men, under the insurgent General Lovell, occupied and defended the city itself.

For the reduction of a place thus fortified and defended, the commercial and strategic importance of which can hardly be overesti-

mated, thorough and ample preparations were required and were carefully organized. Besides the squadron that was employed to enforce the blockade on the western portions of the Gulf, a large additional force of armed steamers and a bomb flotilla were ordered to the expedition.

The selection of the officer who should command the western Gulf squadron was not made until preparations were far advanced for the important expedition that constituted the striking feature of that command. Captain David G. Farragut, who received the appointment of flag-officer of the western Gulf squadron, entered with alacrity, zeal, and all the power and efficiency that had been anticipated by the department upon the duty of completing the organization of the Mississippi expedition. He found himself at the head of a squadron composed of men who, like himself, were undaunted, resolute, and determined.

The flotilla of mortar vessels, twenty in number, was added to the command, under the immediate direction and management of Commander David D. Porter. Besides skilful pilots and the officers, some of whom were familiar with that coast and the river passes, the department availed itself of the topographical and strategic information furnished by the officers of the Coast Survey. Assistant F. H. Gerdes, in charge of the steamer *Sachem*, rendered the squadron very essential service.

Military co-operation being necessary, the War Department furnished an army of eighteen thousand men, under the command of Major General Butler, to assist in the expedition and to hold New Orleans after it should be taken. There was throughout harmony and mutual good feeling and co-operation between the naval and military forces.

Flag-Officer Farragut's first orders bear date the 20th of January, 1862. He sailed from Hampton Roads on the 2d of February, and on the 21st assumed the duties of his command. Two months were spent in completing his preparations, receiving his re-enforcements, and getting his vessels over the bars and to the heads of the passes.

On the 16th of April he gave orders to commence the bombardment of Forts Jackson and St. Philip by the mortar flotilla. The bombardment commenced on the 18th, and was continued, with but slight interruption or cessation, during six days and nights, at the end of which time both the forts, powerful as they were, and desperate as was their resistance, had become so weakened and the garrison so demoralized as, in the judgment of the flag-officer, to render the passage of the fleet possible. Accordingly, on the morning of the 24th, the fleet was directed to move forward, and the vessels passed the forts under a terrific fire of more than one hundred guns that had not been dismantled by the bombardment, encountering not only the batteries and strong current of the river, but steamers, fire-ships, iron-clads, rams, rafts, chains, and every obstruction that the ingenuity and ability of the insurgents could interpose to prevent them.

The attacking squadron was formed in two columns, one under the command of Flag-Officer Farragut, and the other under the orders of

Captain Theodorus Bailey. In this terrible conflict, and as the fleet moved up the river toward the city, it overcame and destroyed eighteen armed steamers and other vessels of the enemy, including three iron-clad rams, two of which, the *Louisiana* and the *Manassas*, were batteries of immense power. All the carefully prepared obstructions to the navigation of the river were broken through or avoided, and on the morning of the 29th of April Flag-Officer Farragut was enabled to announce to the department that the flag of the Union again waved over the city of New Orleans and Forts Jackson and St. Philip. A great quantity of arms and munitions were surrendered with the forces that defended the forts, while a vast destruction of property within the city had been effected by the insurgents in order to prevent it from falling into our hands. Nothing was wanting to complete the grandeur of this most triumphant and arduous achievement. The capitulation of the city to our arms, recklessly and persistently obstructed by the desperation of the city authorities, was at last completed through the judgment, patience, and resolute determination of our officers without the shedding of innocent blood. The insurgent garrison, strong as it was in numbers, fled with precipitation, and the troops under General Butler having been securely landed, the custody of the city was delivered to him and the army.

Thus the great southern depot of the trade of the immense central valley of the Union was once more opened to commercial intercourse, and the emporium of that wealthy region was restored to national authority; the mouth of the Mississippi was under our control, and an outlet for the great west to the ocean was secured, so soon as the squadron, which was ordered to proceed up the river, should form a junction with the flotilla on the waters of the Upper Mississippi, which was to fight its way down, aided by an adequate co-operating military force to retain and hold the important points along its shores.

This great blow struck just terror to the heart of the whole rebellion. It was regarded everywhere, both at home and abroad, as the grandest achievement of the war, and as one of the most remarkable triumphs in the whole history of naval operations. I do not attempt, in this place, to give the details of this expedition, nor to assign to the different officers by whom it was conducted their respective claims to the praise and gratitude of their country. The graphic narratives of the actors themselves, in their official reports, have been spread before the country by order of Congress. Suffice it now to say that no terms of commendation can overstate the merits of the officers who achieved this great success, and who have been, themselves, the first and the most earnest to commend the valor, the devotion, and the unsurpassed skill of their subordinates, and of the brave men under their command.

OPERATIONS ON THE MISSISSIPPI.

Rear Admiral Farragut despatched detachments of his squadron up the river to clear its passage and capture and take possession of the principal places.

Commander Palmer arrived off Baton Rouge with the Iroquois May 7th, and demanded its surrender, the conditions to be the same as at New Orleans. The authorities declined to yield the city voluntarily, and whilst pleading their defenceless condition were not free from a tone of arrogance. The next day Commander Palmer proceeded abreast of the arsenal, landed a force and took possession of the same, together with other public property, and hoisted the American flag.

May 12th the Iroquois, with other gunboats, anchored off Natchez, the surrender of which was also demanded by Commander Palmer, upon the same conditions as at New Orleans and Baton Rouge, that is, the rights and property of peaceable citizens should be respected, all property of the rebel government should be given up, and the flag of the United States should wave over the city unmolested and respected. Although Commander Palmer deferred taking possession of Natchez—the place having never been occupied as a military position nor the insurgent flag hoisted officially over it—yet the town was virtually surrendered, and the mayor issued his proclamation enjoining the citizens to preserve good order and commit no act to provoke the displeasure of the government of the United States.

Commander S. P. Lee, commanding the advance of the squadron, arrived near Vicksburg May 18, and, under orders from Flag-Officer Farragut and Major General Butler, demanded the surrender of the place and its defences to the lawful authority of the United States, under which private property and personal rights would be respected. The demand was peremptorily and defiantly declined by both the civil and military authorities present, and Commander Lee asked the removal of the women and children beyond the reach of harm, so that it might be at his option to fire or not fire, as he thought proper, upon the defences of the town, without causing the loss of innocent life.

Rear Admiral Farragut arrived a few days afterwards, accompanied by a column of troops, under General Williams. Subsequently an additional naval and military force, including the mortar flotilla, was brought up, and preparations were made for passing and attacking the batteries. These batteries were placed upon the heights of Vicksburg, scarcely within the reach of the guns of the squadron, and were supported by a large army in the rear.

On the 28th June the mortar vessels commenced the bombardment. The batteries were silenced by the combined fire of the squadron and flotilla at times; but there being an insufficient land force to co-operate, after the steamers passed, the insurgents returned to their guns.

Returning, Flag-Officer Farragut reached New Orleans July 28th, and, leaving an adequate force at that place and Baton Rouge, sailed again, the 11th of August, for Ship island and Pensacola. The latter place having been evacuated by the rebels, it has been made the depot of the Western Gulf squadron. The destruction at and about the navy yard, which the insurgents seized during the late administration, has been very great. Some few of the buildings remain

uninjured, and the advantages of the place for a depot were superior to those of Ship island, which had for some time previous been used for that purpose.

While the Essex, Kineo, Katahden, and Sumpter were lying off Baton Rouge, a vigorous attack was made by the insurgents, August 5th, on the command of General Williams, occupying that place, and its recapture attempted by a largely superior force, led by General Breckinridge, late Vice-President. The gunboats were immediately placed in position to give assistance, if required. The relative positions of the forces were such that the gunboats could not, with safety, be made available to our troops until late in the day, when they poured a fire into the rebels' left wing which caused them to withdraw in haste and fall back several miles.

A simultaneous attack, by land and water, appears to have been the design of the enemy. The rebel ram Arkansas, which was to have taken part in it, remained a short distance above Baton Rouge, and the next morning the Essex proceeded up the river and encountered her, and after a short engagement the Arkansas was abandoned and blew up.

CAPTURE OF GALVESTON AND OTHER POINTS IN TEXAS.

About the middle of September Acting Volunteer Lieutenant J. W. Kittredge, commanding the United States bark Arthur, was sent, with his own vessel and the steamer Sachem, by Rear Admiral Farragut, to take possession of Corpus Christi and the adjacent waters. He succeeded well, and made several captures, and compelled the rebels to burn many vessels. Subsequently, however, Acting Lieutenant Kittredge, while on shore, was, with his boat's crew, surprised and captured.

A little later Acting Master Francis Crocker commanding the steamer Kensington, with that vessel and the schooners Rachel Seaman and Henry Janes, captured the defences of Sabine City, and took possession thereof. Acting Master Crocker then proceeded on an expedition to Calcasieu lake and river, and succeeded in capturing and destroying several vessels of the enemy engaged in violating the blockade.

On the 4th of October Commander W. B. Renshaw, of the United States steamer Westfield, with that vessel, the Harriet Lane, Owasco, and Clifton, captured the defences of the harbor and city of Galveston, there having been only a feeble resistance.

Our vessels and transports passing up and down the Mississippi have been annoyed by frequent attacks from guerillas and concealed batteries. In many instances these attacks have been made from villages, the parties engaged in them presuming that the fire would not be returned to endanger innocent life. To check the practice it has been necessary, after giving due notice, to fire upon and destroy, to some extent, the towns from which the attacks were made. This was a punishment by no means consistent with the feelings of those inflicting it, but one that necessity demanded. Natchez, Grand

Gulf, and Donaldsonville have been subjected to it. It is not inappropriate to mention in this connexion that the service has recently suffered the loss of a most promising and gallant young officer, Lieutenant Charles H. Swasey, of the gunboat Sciota, who was killed on the 4th of October last, by a shot from a concealed battery near Donaldsonville, Louisiana. Lieutenant Swasey had served with distinction as executive officer of the Varuna, in the battles of the Mississippi, through which he escaped without injury, but to lose his life a few months later by the fire of a hidden enemy.

WESTERN FLOTILLA.

When Flag-Officer Foote arrived at St. Louis, and on the 6th of September, 1861, assumed command of the western flotilla, the forces consisted of three wooden vessels in commission, which had been purchased, equipped, and armed as gunboats, by Commander John Rodgers; and there were nine iron-clad gunboats and thirty-eight mortar boats in course of construction.

The service was anomalous in its character, and there was with many great incredulity as to the utility and practicability of gunboats in carrying on hostilities on the rivers, where it was believed batteries on the banks could prevent their passage. There were also embarrassments for want of funds and of material for naval purposes, there being no navy yard or naval depot on the western waters. All these difficulties were met and surmounted by the energetic and efficient officer to whom the duty was intrusted, whose perseverance and courage in overcoming the obstacles that impeded and retarded his operations in creating a river navy were scarcely surpassed by the heroic qualities displayed in subsequent well-fought actions on the decks of the gunboats he had, under so many discouragements, prepared.

CAPTURE OF FORTS HENRY, DONELSON, &C.

It having been ascertained in the latter part of the winter that the stage of water in the Tennessee and Cumberland rivers was favorable for active operations, Flag-Officer Foote, as soon as four of the iron-clad boats were ready, urged prompt action, and proposed to General Grant, commanding at Cairo, a joint attack on Fort Henry. That officer, though preferring a movement on the Cumberland and an attack on Fort Donelson, yielded to the proposition of the naval commander on procuring the assent of General Halleck.

Fort Henry was captured on the 6th of February. The attacking force consisted of the iron-clad gunboats Benton, (flag-ship,) Commander R. N. Stemple; Essex, Commander W. D. Porter; Carondelet, Commander Henry Walke, and St. Louis, Lieutenant Commanding Leonard Paulding, forming the first division; and the wooden gunboats Conestoga, Lieutenant Commanding S. L. Phelps; Tyler, Lieutenant Commanding William Gwinn, and the Lexington, Lieutenant Commanding J. W. Shirk, forming the second division, in charge of Lieutenant Commanding Phelps, astern of the first.

The firing was commenced at 1,700 yards distant by the flag-ship, the others following in succession, and continued while the fleet steamed slowly to within 600 yards of the fort. After a closely-contested action of an hour and a quarter the colors of the fort lowered; the flag of the Union was substituted for the emblem of secession; General Tilghman, his staff and sixty or seventy of his men were received as prisoners, together with a hospital ship containing sixty invalids, the fort and its effects, 20 guns, mostly of heavy calibre, and barracks and tents capable of accommodating quite an army, which were turned over to General Grant, on his arrival an hour afterwards, with the forces under his command. The joint attack was to have been made by land and water on the enemy's work, but was frustrated by the bad condition of the roads, which delayed the army and deprived it of the pleasure as well as the glory of participating in the capture of Fort Henry.

Lieutenant Commanding Phelps, on an order previously given, proceeded with the three gunboats up the Tennessee river. He ascended as far as Florence, Alabama, the foot of the muscle shoals. This expedition was fruitful in important results. Several prizes were taken—one of them, the fine steamer Eastport, in the act of being converted into a gunboat. Large quantities of stores were captured, and the insurgents were lavish in destroying others to prevent them falling into our hands; they also destroyed many of their vessels. This sudden penetration to the very heart of the insurgents' country was doubtless as unexpected as it was alarming and disastrous to them.

From Fort Henry, the field of his late success, Flag-Officer Foote proceeded with his flotilla to the Cumberland river to make an attack upon Fort Donelson. On the 14th of February, with four iron-clads and two wooden gunboats, he engaged that fort and its adjacent water batteries. With his reduced force he had to contend against more vigorous works than he had met on the 6th at Fort Henry. After a severe fight of an hour and a half, during which he was seriously wounded, and when he was on the point of enfilading the fort, and the rebel fire had materially slackened, two of the gunboats were disabled in their steering apparatus, and the remaining boats retired for the night. The rebels were so greatly demoralized that they could not be brought into effective action on the following day, which resulted in the defeat of the insurgents and the surrender of Fort Donelson to the army the next morning.

With two gunboats Flag-Officer Foote proceeded up the Cumberland on the 19th of February, and seized Clarksville and the three forts which defended the city and river, and issued a proclamation to the inhabitants.

In view of the panic which pervaded not only Clarksville, but the rebel army, which were fleeing to Nashville, Flag-Officer Foote pressed upon General Grant an immediate pursuit, with four thousand troops, to that place. Orders were received, however, from the general-in-chief of the western department prohibiting the gunboats from proceeding higher up than Clarksville.

In consequence of these orders the flag-officer returned to Cairo

and only two gunboats were with the army when possession was taken of Nashville on the 27th of February.

The Tennessee and Cumberland rivers are the thoroughfares and outlets of a rich agricultural region, and the elaborate fortifications which had been erected and garrisoned with a view of controlling the navigation indicate the importance with which the insurgents regarded them. The rapid clearance of both these rivers, and the formidable character of the gunboats, which became at once a power and a terror on the western waters, disconcerted and dismayed the rebels. Forts Henry and Donelson, with Nashville and Clarksville, and other places, having fallen, the insurgents became alarmed in their stronghold at Columbus, on the Mississippi, lest the possession of those places should cut off their communications with the rebel army.

OPERATIONS ON THE MISSISSIPPI.

On the 4th of March a force of gunboats, with transports conveying troops, moved upon Columbus, but an armed reconnoissance of the 2d had so alarmed the garrison as to cause the place to be evacuated without delay; and when our forces landed, the forts, though of great strength, were unoccupied.

Keeping in view the purpose of opening the navigation of the river, Flag-Officer Foote left Cairo on the 14th of March with seven iron-clads and ten mortar boats, and having been joined by Colonel Buford with fifteen hundred troops, at Columbus, moved down and took possession of Hickman. Arriving the next day in the vicinity of Island No. 10, the mortar vessels, in charge of Captain Maynadier, of the army, were placed in position and shelled out several encampments.

A siege of twenty-three days took place, during which a canal was cut to admit the light transports to reach the army of General Pope, at New Madrid, below No. 10, and enable him to cross to the Tennessee shore. The guns at No. 1 battery were spiked, and the pelican dock, or New Orleans floating battery, was shelled out of the channel that two of the gunboats might run the blockade and get past, as they did at night in a heavy thunder-storm, under a tremendous fire from forty-seven guns, aided by infantry. Several batteries, erected to prevent the army of General Pope from crossing, were demolished by these two gunboats, and the landing was effected. This result being accomplished after persistent and severe struggles and conflicts, the rebel commander became convinced that he could not avoid defeat from a combined assault, and therefore, on the 7th of April, surrendered Island No. 10 to the commander of the naval forces. Thus it would appear that in the capture of Fort Henry and Island No. 10 not a gun was fired by the army except from the command of Colonel Buford, which, at the latter place, co-operated with the navy. There were eleven batteries on the island and adjacent shores, mounting upwards of seventy-five guns, from 32 to 100 pounders.

One rebel gunboat, four transports, and immense munitions of war and many prisoners fell into our hands by this important capture.

In pursuance of the first great duty enjoined upon him, that of reopening the navigation of the Mississippi, Flag-Officer Foote proceeded to the vicinity of Fort Pillow. Arriving on the 12th of April, he was on the next day joined by General Pope and his army.

Arrangements were promptly made by the two commanders for an immediate combined attack upon the fortifications, with every confidence of success; but just upon the point of execution, an order from General Halleck for the army to re-enforce him at Corinth frustrated the well-matured plans that had been made.

Flag-Officer Foote, suffering from the long-neglected wound he received at Fort Donelson, was, on the 9th of May, relieved by the department, on the advice of the surgeons, of the command of the flotilla, which was transferred to Captain Charles H. Davis.

CAPTURE OF FORT PILLOW AND MEMPHIS.

The latter was scarcely introduced to his command before he had vigorous work to perform. On the 11th of May an attack, for which the rebel fleet lying below Fort Pillow had been long preparing, was made upon the flotilla. This fleet of eight iron-clad steamers, four of them fitted as rams, steamed up fully prepared for an engagement, and the flotilla was quickly in motion to receive them. An action of an hour at the closest quarters followed, at the end of which the enemy retreated under the guns of Fort Pillow, three of their gunboats having been disabled.

The flotilla occupied a nearer position to Fort Pillow after this engagement, and the ram fleet under Colonel Ellett joined Flag-Officer Davis, and on the 5th of June Fort Pillow was abandoned.

The flotilla moved down the river, and on the evening of the 7th anchored a mile and a half above Memphis. The next morning the rebel fleet of eight gunboats and rams was discovered opposite the city. The flotilla came up with and engaged them. The ram fleet pressed into action under full steam, the gunboats in the meantime keeping up a continuous and well-directed fire. The rebel gunboats General Beauregard and Little Rebel blew up, and the Queen of the West, commanded by Colonel Ellett in person, encountered the General Lovell and sunk her. A running fight followed, carrying the vessels several miles below Memphis, and resulting in the capture or destruction of the entire rebel fleet, except the Van Dorn, which succeeded in escaping. Our loss was trifling. The rebels suffered severely from the exploding and sinking of their vessels.

At the close of the engagement Flag-Officer Davis returned to Memphis and demanded the surrender of the city, which was complied with, Colonel Fitch arriving at 12 o'clock from Fort Pillow and taking military possession.

On the 29th of June Flag-Officer Davis left Memphis with a part of his flotilla and six mortar boats, and the 2d of July following joined Rear Admiral Farragut above Vicksburg, the latter officer, with a portion of his squadron, having arrived there a few days previous. Demonstrations were continued by the combined squad-

rons, at intervals, on the defences of Vicksburg, for some days, the mortar vessels of each squadron bombarding from both above and below.

An expedition was sent, on the 15th of July, to procure information respecting the obstructions and defences of the Yazoo, but the river was scarcely entered when the rebel iron-clad ram Arkansas was encountered, coming down. After a severe fight with the Carondelet and Tyler, in which they were partially disabled, the Arkansas entered the Mississippi, passed the fleets of Farragut and Davis, and took refuge under the batteries at Vicksburg. An attempt to destroy her, under the guns of the battery, did not succeed.

There not being a sufficient military force to co-operate in the reduction of Vicksburg, the scheme was for the time abandoned, and, late in July, Flag-Officer Davis withdrew his command to the mouth of the Yazoo. In August a joint expedition was planned between Flag-Officer Davis and General Curtis for operations up the Yazoo, which was entirely successful, resulting in the capture of a battery of heavy guns, field-pieces, munitions of war, &c.

June 13th a detachment from the squadron, under the command of Commander A. H. Kelty, with the 46th Indiana regiment, under Colonel Fitch, left Memphis for White river, their object being to form a junction with General Curtis.

On the morning of the 17th they arrived at the rebel fortifications near St. Charles, Arkansas, upon which an attack was commenced by the gunboats, whilst Colonel Fitch landed for the purpose of assaulting the rear. The enemy's first battery was carried by the gunboats, and Colonel Fitch gallantly charged the second battery, and carried it without the loss of a single man.

The Mound City, in the lead, was damaged by a shot which entered and exploded in her steam drum, killing and wounding a large portion of her officers and men.

The gunboats Tyler, Lieut. Com'g Gwinn, and Lexington, Lieut. Com'g James W. Shirk, of the western flotilla, have been most actively and usefully employed on the Tennessee river. They have generally preceded the march of our army southward on the line of that river, convoying the transports, clearing the banks of rebel batteries, and frustrating attempts of the insurgents to fortify. Frequently under fire, and affording protection to loyal citizens and their property within their reach, these gunboats have made a lasting record of their services by their participation in the battle of Shiloh, or Pittsburg Landing. Finding our army forced back towards the river by overwhelming numbers, those two vessels selected convenient positions for shelling the rebels, and from 3 to 6 p. m. were throwing shot and shell into their ranks with effect. The Tyler alone, on this occasion, discharged 188 shells.

VESSELS ON FOREIGN SERVICE.

Commodore Montgomery was relieved by Commodore Charles H. Bell, in the command of the squadron on the Pacific station, on the 2d of January last. The vessels composing the squadron are the steam sloops Lancaster, (flag-ship,) Saranac, Wyoming, and Narra-

ganset, and sloops-of-war Cyane and St. Mary's. In June the Wyoming was detached and ordered to the East Indies. The several vessels have frequently visited the principal Mexican and South American ports in the Pacific, and our commerce and citizens have received from them all required protection.

The steam sloop Wyoming is at present the only United States vessel-of-war on the East India station, though the sloop Jamestown is on her way thither. No information of the disturbance of our commerce by piratical vessels or privateers in the East Indian waters has been received.

The sloop-of-war Constellation, Commodore H. K. Thatcher, has been cruising in the Mediterranean since last spring. She has visited some of the commercial ports of the Levant, and her presence has, doubtless, been conducive of good results. No disturbance of our commerce has occurred in that quarter.

The small steamer Pulaski has been the only vessel on the Brazil station during the year, and I am happy to state that nothing has arisen requiring the presence of an additional force, either to secure the rights of our citizens and the safety and protection of our commerce, both of which have been respected and protected.

The Saratoga has been the only vessel on the African station.

The Tuscarora for some time watched the rebel steamer Nashville at Southampton, and then blockaded the Sumter at Gibraltar. She was relieved in the latter duty by the Kearsarge, and endeavored to prevent the escape of the 290. She is now in pursuit of this pirate.

The St. Louis has been cruising from the Azores to the coast of Portugal and Spain, and is also in search of the 290, or Alabama.

The Chippewa has been sent to relieve the Kearsarge in blockading the Sumter, and the latter vessel, at last advices, was also in pursuit of the 290.

The Vanderbilt, the San Jacinto, the Mohican, the Sabine, the Dacotah, the Onward, and the Ino are severally cruising to protect our commerce, and have specially in view the capture of the 290, or any piratical cruiser.

PRIVATEERS.

The rebel armed steamer Sumter, which, after committing depredations, was, at the date of my last report, fleeing to escape our cruisers, crossed the Atlantic. She was tracked to Gibraltar, where she has since remained, one of our cruisers vigilantly guarding her from Algeciras. With this exception, no other armed vessel has plundered our commerce or inflicted injury on our countrymen until within a recent period, when a steamer known as 290, or Alabama, built and fitted out in England—a vessel that had not been in any port or visited any waters but those of Great Britain—went forth from the shores of that country ravaging, sinking, burning, and destroying the property of our merchants who, knowing our peaceful relations with England, and uninformed that such a cruiser had been permitted to leave Great Britain, were unprepared for such assault and devastation.

How far and to what results this abuse may be carried with impunity to the government which tolerates it is matter of grave consideration. The piratical privateer 290, or Alabama, has no register nor record, no regular ship's papers nor evidence of transfer, and no vessel captured by her has ever been sent into any port for adjudication and condemnation. All forms of law which civilization has introduced to protect and guard private rights, and all those regulations of public justice which distinguish and discriminate the legalized naval vessel from the pirate, are disregarded and violated by this lawless rover which, though built in and sailing from England, has no acknowledged flag or recognized nationality, nor any accessible port to which to send any ship she may seize, nor any legal tribunal to adjudge her captures. Under the English flag, in which they confided, and by the torch of the incendiary, appealing to their humanity, our merchantmen have been lured to destruction.

She was built and fitted out in British ports in flagrant violation of British law and of the royal proclamation of neutrality, and I have reason to believe that her crew is composed almost exclusively of British subjects, or persons who, pursuing a lawful voyage, would be entitled to ship and receive protection as British seamen.

Before this piratical cruiser left Great Britain the authorities of that country were informed by the recognized official agents of this government of her character and purposes. The British government, thus invoked, came too late to prevent her sailing. To what extent, under these circumstances, the government of Great Britain is bound in honor and justice to make indemnification for the destruction of private property which this lawless vessel may perpetrate, is a question that may present itself for disposal. It is alluded to now and here, not only from a sense of duty towards our commercial interests and rights, but also by reason of the fact that recent intelligence indicates that still other vessels of a similar character are being fitted out in British ports to depredate upon our commerce.

Our own cruisers not being permitted to remain in British ports to guard against these outrages, nor to coal while cruising, nor to repair damages in their harbors when injuries are sustained, the arrest of them is difficult and attended with great uncertainty. This department has despatched vessels to effect the capture of the Alabama, and there is now quite a fleet on the ocean engaged in pursuing her.

THE NAVAL FORCE.

When I entered upon the discharge of my public duties as the head of this department, in March, 1861, there were but 42 vessels in commission, and, as stated in my last annual report, but 76 vessels then attached to the navy have been made available. Most of those in commission were abroad, and of the 7,600 seamen in the pay of the government, there were on the 10th of March, 1861, but 207 men in all the ports and receiving ships on the Atlantic coast to man our ships and protect the navy yards and depots, or to aid in suppressing the rising insurrection.

Neither the expiring administration, nor Congress, which had been in session until the 4th of March, had taken measures to increase or strengthen our naval power, notwithstanding the lowering aspect of our public affairs; so that when a few weeks after the inauguration I desired troops for the protection of the public property at Norfolk and Annapolis, or sailors to man and remove the vessels, neither soldiers nor sailors could be procured. There were no men to man our ships, nor were the few ships at our yards in a condition to be put into immediate service.

The proclamation of April placing our entire coast from the mouth of the Chesapeake to the Rio Grande under blockade found us with a naval force, even were every vessel on our coast, inadequate to the work required.

I have in my former reports at the special session in July, 1861, and in December last, made full exposition of the steps which were promptly taken to recall our foreign squadrons and the progress which had been made in augmenting our navy by repairing and fitting, as expeditiously as possible, every available vessel owned by the government, by purchasing such others as could be made speedily useful in guarding our shallow and peculiar coast, and by rapidly constructing as many steamers as could be built at our navy yards, and employing, to the extent that we could procure materials, engines, and machinery, the resources of the country in adding others from private ship yards. The result is, that we have at this time afloat or progressing to rapid completion a naval force consisting of 427 vessels, there having been added to those of the old navy enumerated in my report of July, 1861, exclusive of those that were lost, 353 vessels, armed in the aggregate with 1,577 guns, and of the capacity of 240,028 tons.

The annals of the world do not show so great an increase in so brief a period to the naval power of any country. It affords me satisfaction to state that the acquisitions made to the navy from the commercial marine have proved to be of an excellent character, and though these vessels were not built for war purposes, and consequently have not the strength of war vessels, they have performed all the service that was expected of them. No equal amount of tonnage was ever procured for any service at prices correspondingly low, and with so little disturbance to the commercial community; and no vessels were ever constructed on better terms for the government, or have better subserved the purposes for which they were designed, than the twenty-three gunboats for which the department contracted on its own responsibility at the commencement of hostilities, without waiting for the action of Congress. In no respect, during this war, has the government been better or more economically and faithfully served than in the additions that have been made by construction and purchase to the navy.

In order that the actual condition of the navy, past and present, from March 4, 1861, to November, 1862, and the expansion which has been made, may be seen, I present a tabular statement of the number of vessels, and the aggregate of their armament and tonnage, with a detail account of the losses that have occurred since my last annual report.

NAVAL FORCE AT DATE OF THE LAST ANNUAL REPORT.

Description.	Number.	Guns.	Tons.
Old navy.....	76	1,783	105,271
Purchased vessels.....	136	518	71,297
New vessels, completed and under construction....	52	256	41,448
Total.....	264	2,557	218,016

PRESENT NAVAL FORCE.

Description.	Number.	Guns.	Tons.
Old navy.....	74	1,691	100,008
Purchased vessels.....	180	688	86,910
Transferred from War and Treasury Departments..	50	230	32,828
New vessels, completed and under construction....	123	659	120,290
Total.....	427	3,268	340,036
Increase since last reported.....	163	711	122,020

LOSSES BY SHIPWRECK AND IN BATTLE.

Name.	Class.	Guns.	Tonnage.	Remarks.
R. B. Forbes.....	Steamer.....	3	329	Wrecked February, 1862, coast of North Carolina.
Congress.....	Frigate.....	50	1,867	In action with Merrimack, March 8, 1862.
Cumberland.....	Sloop.....	24	1,726	Do.
Whitehall.....	Steamer.....	4	323	At Old Point, Mar 9, 1862, by fire.
M. J. Carlton....	Mortar schooner.	3	178	Attack on Forts Jackson and St. Philip, April 19, 1862.
Varuna.....	Steamer.....	9	1,300	In action with rebel gunboats below New Orleans, April 24, 1862.
Sidney C. Jones ..	Mortar schooner.	3	245	Grounded below Vicksburg and burnt to prevent falling into the hands of the enemy.
Island Belle.....	Steamer.....	2	123	Grounded in Appomattox river June, 1862, and burned to prevent falling into the hands of the enemy.
Adirondack.....	Screw sloop.....	9	1,240	Wrecked near Abaco August 23, 1862.
Henry Andrew....	Steamer.....	3	177	Wrecked in a gale near Cape Henry August 24, 1862.
Sumter.....	Steam Ram.....	2	400	Grounded in Mississippi river and abandoned.
		112	7,908	

ADDED SINCE FOURTH OF MARCH, EIGHTEEN HUNDRED AND SIXTY-ONE.

(Exclusive of those lost.)

	No. of vessels.	Guns.	Tons.
By purchase	180	688	86,910
By transfer	50	230	32,828
By construction	123	659	120,290
	353	1,577	240,028

ADDED BY CONSTRUCTION.

Description.	No. of vessels	Guns.	Tons.
Second class screw sloops-of-war	13	116	16,396
Screw gunboats	27	108	14,033
Side-wheel gunboats	39	296	36,337
Armored wooden vessels	12	65	20,893
Armored iron vessels	32	74	32,631
	123	659	120,290

IRON-CLAD NAVY.

Description.	No. of vessels.	Guns.	Tons.
<i>Seaboard.</i>			
Armored wooden vessels	8	56	19,005
Armored iron vessels	20	42	22,611
<i>Western rivers.</i>			
Armored wooden vessels	4	9	1,888
Armored wooden vessels, (transferred from War Department)	10	122	6,284
Armored iron vessels	12	32	10,020
	54	261	59,808

NAVY ON WESTERN WATERS.

Description.	No. of vessels.	Guns.	Tons.
Armored vessels	26	261	59,808
Wooden gunboats	18	79	6,380
Transports and ordnance steamers	10	2	9,000
Rams	5	24	11,200
Armed tugs	13	13	650
	72	379	87,038

When the vessels now under construction are completed, the navy will consist of—

SAILING VESSELS.

Description.	Number.	Guns.	Tons.
Ships-of-the-line.....	6	504	16,094
Frigates.....	6	300	10,237
Sloops-of-war.....	16	289	14,305
Brigs.....	4	20	999
Ships, including store and receiving vessels.....	23	139	18,087
Schooners.....	29	69	5,821
Barks.....	18	92	8,432
Yachts.....	2	2	200
Total.....	104	1,415	74,175

STEAM VESSELS.

Description.	Number.	Guns.	Tons.
Screw frigates.....	5	228	18,272
Screw sloops, 1st class.....	6	133	11,955
Screw sloops, 2d class.....	21	167	23,992
Screw gunboats, (new).....	27	108	14,033
Iron-clad vessels.....	54	261	59,808
Side-wheel frigates.....	4	49	8,003
Side-wheel gunboats, (new).....	39	296	36,367
Side-wheel gunboats, (old navy).....	5	11	2,190
Screw steamers, (purchased).....	53	215	23,490
Side-wheel steamers, (purchased).....	63	250	38,617
Screw steamers, (old navy).....	6	27	2,590
Gunboats, transports, &c., transferred from other departments.....	40	108	26,544
Total.....	323	1,853	265,861

RECAPITULATION.

Description.	Number.	Guns.	Tons.
Sailing vessels.....	104	1,415	74,175
Steam vessels.....	323	1,853	265,861
Total.....	427	3,268	340,036

IRON-CLAD VESSELS.

The attention of this department was turned to the subject of iron-clad vessels immediately after the commencement of hostilities and the adoption of measures for the enlargement of the navy. It was a

subject full of difficulty and doubt. Experiments upon a large scale of expense, both in England and France, if not resulting in absolute failure, had achieved but a limited and questionable success. Yet it was evident that a new and material element in maritime warfare was developing itself, and demanded immediate attention. In this view I recommended to Congress, at its extra session, on the 4th of July, 1861, the whole subject, and asked authority to organize a commission for investigation. Thirty days after this action on my part, Congress conferred the authority requested, and appropriated fifteen hundred thousand dollars for the construction of one or more iron-clad vessels upon such models as should receive the approval of the department. On the day after the law had been approved the commission was constituted, and the department advertised for proposals. Of the various plans and propositions submitted, three vessels of different models were recommended by the board, which received the approval of the department. Contracts were forthwith made for constructing the Monitor, the Galena, and the Ironsides. All of these vessels are now in the service. It was the intention and constant effort of the department and the contractors that the Monitor should be completed in the month of January, but there was delay in consequence of the difficulties incident to an undertaking of such novelty and magnitude, and there were also some slight defects which were, however, promptly remedied, and she left New York early in March, reaching Hampton roads on the night of the eighth.

Her arrival, though not as soon as anticipated, was most opportune and important. For some time the department had heard with great solicitude of the progress which the insurgents had made in armoring and equipping the large war steamer Merrimack, which had fallen into their hands when Norfolk was abandoned. On the afternoon of the 8th of March this formidable vessel, heavily armored and armed, and fully prepared to operate both as a ram and a war steamer, came down the Elizabeth river, accompanied by several smaller steamers, two of them partially armored, to attack the vessels of the blockading squadron that were in and about Hampton roads. When the Merrimack and her attendants made their appearance, the Congress and the Cumberland, two sailing vessels, were anchored off Newport News, and the remaining vessels were in the vicinity of Fortress Monroe, some six miles distant. The Minnesota, the Roanoke, and the St. Lawrence got immediately under way and proceeded towards the scene of action.

The Congress, being nearest to the Merrimack, was the first to receive her fire, which was promptly returned by a full broadside, the shots falling apparently harmlessly off from the armored side of the assailant. Passing by the Congress, the Merrimack dashed upon the Cumberland, and was received by her with a heavy, well-directed and vigorous fire, which, like that of the Congress, produced unfortunately but little effect. A contest so unequal could not be of long continuance, and it was closed when the Merrimack, availing herself of her power as a steam ram, ran furiously against the Cumberland, laying open her wooden hull, and causing her almost imme-

diately to sink. As her guns approached the water's edge, her young commander, Lieutenant Morris, and the gallant crew stood firm at their posts, delivered a parting fire, and the good ship went down heroically, with her colors flying. Having thus destroyed the Cumberland, the Merrimack turned again upon the Congress, which had, in the meantime, been engaged with the smaller rebel steamers, and after a heavy loss, in order to guard against such a fate as that which had befallen the Cumberland, had been run aground. The Merrimack now selected a raking position astern of the Congress, while one of the smaller steamers poured in a constant fire on her starboard quarter. Two other steamers of the enemy also approached from James river, firing upon the unfortunate frigate with precision and severe effect. The guns of the Congress were almost entirely disabled, and her gallant commanding officer, Lieutenant Joseph B. Smith, had fallen at his post. Her decks were strewn with the dead and dying; the ship was on fire in several places, and not a gun could be brought to bear upon the assailants. In this state of things, and with no effectual relief at hand, the senior surviving officer, Lieutenant Pendergrast, felt it his duty to save further useless destruction of life by hauling down his colors. This was done about four o'clock, p. m. The Congress continued to burn till about eight in the evening, and then blew up.

From the Congress the Merrimack turned her attention to the remaining vessels of the squadron. The Roanoke had grounded on her way to the scene of the conflict; and although she succeeded in getting off, her condition was such—her propeller being useless—that she took no part in the action. The St. Lawrence also grounded near the Minnesota, and had a short engagement with the Merrimack, but suffered no serious injury, and, on getting afloat, was ordered back to Fortress Monroe.

The Minnesota, which had also got aground in the shallow waters of the channel, became the special object of attack, and the Merrimack, with the Yorktown and Jamestown, bore down upon her. The Merrimack drew too much water to approach very near; her fire was not therefore particularly effective. The other steamers selected their position, fired with much accuracy, and caused considerable damage to the Minnesota. She soon, however, succeeded in getting a gun to bear on the two smaller steamers, and drove them away—one, apparently, in a crippled condition. About 7 p. m. the Merrimack also hauled off, and the three stood towards Norfolk.

All efforts to get the Minnesota afloat during the night, and into a safe position, were totally unavailing. The morning was looked for with deep anxiety, as it would, in all probability, bring a renewed attack from the formidable assailant. At this critical and anxious moment the Monitor, one of the newly finished armored vessels, came into Hampton roads, from New York, under the command of Lieutenant John L. Worden, and a little after midnight anchored alongside the Minnesota. At six o'clock the next morning the Merrimack, as anticipated, again made her appearance and opened her fire upon the Minnesota. Promptly obeying the signal to attack, the Monitor

ran down past the Minnesota and laid herself close alongside the Merrimack, between that formidable vessel and the Minnesota. The fierce conflict between these two iron-clads lasted for several hours. It was, in appearance, an unequal conflict; for the Merrimack was a large and noble structure, and the Monitor was, in comparison, almost diminutive. But the Monitor was strong in her armor, in the ingenious novelty of her construction, in the large calibre of her two guns, and the valor and skill with which she was handled. After several hours fighting the Merrimack found herself overmatched, and, leaving the Monitor, sought to renew the attack on the Minnesota; but the Monitor again placed herself between the two vessels, and re-opened her fire upon her adversary. At noon the Merrimack, seriously damaged, abandoned the contest, and, with her companions, retreated towards Norfolk.

Thus terminated the most remarkable naval combat of modern times, perhaps of any age. The fiercest and most formidable naval assault upon the power of the Union which has ever been made by the insurgents was heroically repelled, and a new era was opened in the history of maritime warfare.

Before the occurrence of these events, entertaining a conviction that at least one of the models of iron-clad vessels—that of the Monitor, an original invention of John Ericsson, of New York—would prove a successful experiment, and that it was particularly adapted to our harbor and coast defence, and service on the shallow waters of our seaboard, I estimated, in my annual report, last December, for the immediate construction of twenty iron-clad steamers. The House of Representatives promptly responded to this recommendation, and passed a bill “authorizing and empowering the Secretary of the Navy to cause to be constructed, by contract or otherwise, as he shall deem best for the public interest, not exceeding twenty-one iron-clad steam gunboats.” The Senate delayed action on this bill until February, when, foreseeing that the country would suffer from longer inaction, I addressed the chairman of the Naval Committee of the Senate on the subject, and the result was the immediate passage of the bill which had originated in the House in December.

At the earliest practicable moment after the enactment of this law the department commenced entering into contracts for the construction of armored vessels, most of them on the plan of the Monitor.

The Galena, a less formidable vessel, was for some time under fire from plunging shot at Drury's Bluff, on James river. As yet the Ironsides, recently completed, has not been tested in action, but it is believed she will prove a formidable fighting vessel. That we might be prepared for extraordinary emergencies, it was deemed advisable to put armature on one of our steam frigates, and the Roanoke was selected for that purpose.

Whatever success may attend the large and costly armored ships of the Warrior class, which are being constructed by some of the maritime powers of Europe cruising in deep waters, they can scarcely cause alarm here, for we have within the United States few harbors that are accessible to them, and for those few the government can

always be prepared whenever a foreign war is imminent. It has been deemed advisable, however, that we should have a few large sized armed cruisers, of great speed, for ocean service, as well as of the class of smaller vessels for coastwise and defensive operations.

In the construction of iron clads of the Monitor class, the nautical qualities of the vessel have not been the governing object, for with light draft and heavy armament, high speed is not attainable. But they are adapted to the shallow waters of our coast and harbors, few of which are accessible to vessels of great magnitude. While the larger armored vessels, with their heavy armament, cannot nearly approach our shores, those of the Monitor class can penetrate even the inner waters, rivers, harbors, and bayous of our extended double coast.

YARD AND DEPOT FOR AN IRON-CLAD NAVY.

In March last, and again in June, I invited the attention of the naval committees of Congress to the importance of taking prompt preliminary measures for establishing a navy yard, including founderies, shops, and docks, adapted to the growing wants of the service and the country. It was not that we needed an additional navy yard, but that we required one of a different character, in many respects, from any that we possess.

In view of the importance of possessing, somewhere in this country, a navy and dock yard for the purposes of an iron navy, the suggestions of the department received the favorable consideration of Congress. The city of Philadelphia, the commercial centre of the iron and coal regions, became interested in the question and was induced to make a free offer of League island, a body of land of about six hundred acres near the confluence of the Delaware and Schuylkill rivers, to the United States for naval purposes. In consequence of this liberal offer, Congress authorized the Secretary of the Navy to receive and accept League island: provided, however, that it should not be accepted until the title shall be perfect to low-water mark, nor if, upon a more thorough examination and survey of the premises by a competent board of officers to be appointed by the Secretary of the Navy, he shall discover that the public interests will not be promoted by acquiring the title as aforesaid; that the board to be appointed shall, before proceeding to any decision of the questions referred to them, make a survey and examination of the harbor of New London, in Connecticut, and its surroundings, with reference to its fitness for a naval depot and navy yard; and that they also make the same investigation in regard to the waters of Narraganset bay.

Pursuant to the requirements of the act of Congress above referred to, I appointed, on the 12th of August, a board of officers consisting of Rear Admiral Stringham, Commodores Van Brunt and Gardner, and Captain Marston, of the navy, Professor Bache, and Engineer Sanger, to make the required examination, and report. The board was assiduously engaged for over two months upon the duty assigned it, and after completing the survey and examination, revised their labor; and, upon a full discussion of the subject, the members unani-

mously rejected any proposition for the contemplated navy yard on the waters of Narraganset bay. In regard to the two other locations, League island and New London, and which is best adapted to the purposes of such a navy yard and depot as is contemplated by the law, the board was divided in opinion, and presented majority and minority reports. The majority, comprising four members, award to New London the preference over League island for a navy yard. The minority as fully and emphatically give their preference to League island as possessing important requisites which the other does not, and as being better adapted to the special wants of the government and the objects of the law authorizing the appointment of the commission.

Without attempting, in this place, to analyze these voluminous reports, or to reproduce the arguments adduced by each, I have considered it my duty to bring the subject to the attention of Congress, and to reiterate my opinion in favor of a new yard and depot better adapted to the construction of iron vessels and iron-clad vessels than any we now have, and where this description of vessels may be repaired, or, in time of peace, laid up in ordinary. In selecting the site for such a navy yard there are two essential and controlling considerations that must govern. One is the very great advantage (if not absolute necessity) of fresh water over salt water for the preservation of iron vessels. The other is, security from an attack by a foreign enemy. These two primary qualities are to be had at League island. Iron and coal are also in close proximity to that location.

New London has a commodious harbor, and, were it less exposed, some good qualities for a navy yard, provided it be the intention of Congress to establish another similar to those we now have for the construction of wooden vessels. For an iron navy, and for iron purposes, I am not aware that it has any advantages over Brooklyn, or Charlestown, or Portsmouth, and if not Congress must determine whether another such yard shall be established. The department has not suggested or contemplated the acquisition of a yard and depot of that description, but called attention to the growing necessity of an establishment for an iron navy. The law, while requiring an examination of other places by a board, authorizes no action by the department for the acceptance of any other than League island, and I do not, therefore, propose to canvass the merits or demerits of New London or Narraganset bay.

League island has the requisite of fresh water, which is indispensable for an iron navy yard; and is remote from the sea, which renders it a place of security. The objections to it are its low alluvial soil, the cost of raising it to a proper grade, the depth it will be necessary to penetrate before reaching safe bottom, and the expense of piling, on which to erect superstructures. These are weighty objections, and it will require no inconsiderable expenditure to overcome them. In addition to those above enumerated is the fact that the navigation of the Delaware river is sometimes obstructed by ice, and injury is

sometimes caused by floating ice; but there is no river east or north of it where the objection is not much greater.

In regard to the location of naval depots and the necessity of having them secure from foreign enemies, I cannot more distinctly and clearly present what are the requisites than by quoting from the report of a very able board of eminent officers and engineers on sea-coast defences, made in 1820:

“Security against an attack by sea or land is undoubtedly the first condition required; for the destruction of an establishment of this nature involves with it the destruction of all those elements of a naval force which have been collected a long time beforehand during peace, to the incalculable loss of the public. Such a misfortune must be severely felt during the whole course of a war, and cannot well be repaired whilst it continues. This indispensable quality (security) must be obtained, as well as localities will admit, without having recourse to artificial fortifications; for these must be very costly, and if that expense can be avoided, the same sums will be much more advantageously laid out in improving and aggrandizing the establishments of the depot. Thus, if equal in other respects, a place whose site is naturally strong, and whose position with respect to the general frontier is well covered, should be preferred to another that requires to be fortified.”

The great essential here specified, of security from attack by a foreign enemy, appertains to League island, which has, in that respect, strong topographical advantages. Its interior location might have constituted an objection at a former period, when only sailing vessels were in the naval service; but the introduction of steam has wrought a revolution in this respect, rendering the movements of our war vessels independent of wind and tide. Immediate contiguity to the ocean is no longer deemed an advantage, but a disadvantage. Steam, rifled cannon, and modern improvement in ordnance, have rendered harbors and depots immediately on the seaboard insecure. In a recent debate in the British Parliament, it was emphatically urged that Portsmouth and its immense and costly works must be abandoned, for the reason that a naval depot should not be within the range of fire or six miles of an attacking force. If, then, fresh water be indispensable for a navy yard for the construction, repair, and dockage of iron vessels, and vessels that are clad with iron, there is no position east of the Delaware where the difficulties from ice do not exceed those urged against League island, nor has any place been proposed that presents equal advantages, or is so secure from an attack. While there are some obvious and admitted objections to League island, no place has been proposed that combines so many advantages, unless it be the contracted and altogether inadequate yard at Philadelphia. That yard may perhaps be extended so as to double its present capacity, but, besides involving a large expenditure, it would then be insufficient for our future iron navy.

The occupation of League island would not increase the number of navy yards that we now have, for, when once in operation, the discontinuance of the present site at Philadelphia would take place as a

matter of course, and the avails could be, and doubtless would be, diverted to the improvement of the new location; whereas, the adoption of any other site would be the addition of another navy yard similar in character to those we now have, which is not required.

The conflicting reports, and the conditions annexed to the law authorizing the Secretary of the Navy to receive and accept League island, have occasioned embarrassment, and I have therefore deemed it respectful to delay action until Congress should convene. As neither the harbor of New London nor the waters of Narraganset bay are adapted to the purposes and wants of an iron navy, whatever may be their advantages in other respects, and as League island has the requisites of fresh water, security from external enemies, and proximity to iron and coal, I propose to receive and accept for the government the munificent donation of the city of Philadelphia, unless Congress shall otherwise direct.

MATERIAL.

The time has arrived when, in order to maintain ourselves and our true position as a nation, we must have a formidable navy, not only of light draught vessels to guard our extensive and shallow coast, but one that with vessels always ready for the service, and of sufficient size to give them speed, can seek and meet an enemy on the ocean. In order to obtain the enormous steam power essential to great speed, we must have vessels of the greatest magnitude.

Vessels of wood will always be built; but the causes that have operated to retard the introduction of iron vessels are disappearing. The working of iron has been much simplified; its application facilitated; new tools and machinery for working it are constantly being invented and improved; artisans skilled in its manufacture are becoming more common, and the material more easily wrought.

The progress of events renders it certain that iron will hereafter enter largely into the structure of vessels for marine service, although it will never entirely supersede wood. Our country produces the material in abundance, and we have no occasion to seek it from abroad. While our forests are disappearing, inexhaustible resources in iron are being developed. That it is for the interest of the government to be prepared to meet some change in the material and structure of our naval vessels need not be repeated. It must provide the necessary yards and establishments for each, and have them properly located, in which to build its ships-of-war, and at least one of them should be specially adapted to iron. No private establishment can undertake such heavy work as the government requires for its armor and steam purposes. Possessing advantages that no other nation enjoys, we should avail ourselves of them. Our iron and coal are found in the same region, and we have fresh water rivers in which iron vessels can be docked and kept clean, and from which all enemies can be excluded.

In the construction of the iron and iron-clad vessels which the department has now in progress every effort has been made to have

them promptly completed. It is believed that nearly every rolling-mill has been engaged that is able to do the work; and yet these vessels are several months behind the time within which they were to have been completed. The department is convinced that the contractors have done their best; and yet it is with great difficulty that these comparatively small vessels and the moderate sized iron required can be procured for them as soon as wanted, so much does the demand exceed the capabilities of the mills to supply. These facts demonstrate the necessity for public works where vessels of great magnitude are to be constructed. Had the government been prepared for this heavy work, much of the delay which has embarrassed naval operations might have been avoided. Private establishments would have been relieved, and enabled to furnish a larger quantity within the scope of their own manufacture.

It is as important that the government should build its own ships of iron as of wood. If the apparent cost in either case is greater, the actual value is also greater. It is of the first importance that the material, whether of iron or wood, should be of the best quality; and as regards iron, this can be insured and made certain only by its being received and reworked at government establishments. The large quantities required will always enable the government to purchase on economical terms. It is well understood that the qualities of iron vary greatly, and the use of inferior kinds will be both injurious and expensive. Experiments with shot in target practice demonstrate that some qualities have much greater powers of resistance than others, and are therefore better for armature. Other qualities may better resist corrosion, and be more suitable to the action of sea water, and still others may be adapted to the internal parts exposed to different chemical action. These qualities and denominations will be ascertained by observations and tests that the government can alone well make and faithfully apply in the construction of its war vessels. Contractors and private establishments will not be equally vigilant and careful in making the proper selections and assortings.

An establishment such as the department has in view, and has heretofore recommended, will enable the government to have all the advantages of the best and most suitable descriptions in the construction of vessels of iron and of iron armature. Steam machinery, anchors, chain cables, and heavy iron work for the naval service, would be manufactured at the same establishment to advantage.

The necessity of such a dock-yard and establishment is becoming so important that I deem it proper again to present the subject to the consideration of Congress. As yet we have but few iron vessels, and these chiefly of foreign construction; but we have built and are building iron-clad vessels at private establishments—not one at our public yards.

In sustaining our position as a naval power we must be prepared for reverses that may befall us in battle or by calamities incident to ocean service. A wise precaution will always provide a reserve of ships to take the place of those that may be injured or destroyed.

Vessels should be in different stages of progress of construction, thereby giving constant employment to a certain number of skilful mechanics. Stores of material can well be accumulated in days of peace for the emergencies of war.

Such was the former policy of the government, and for many years an annual appropriation was made for the gradual increase of the navy. Under this policy there were in times of peace large accumulations of material at the different yards. It was from the stock thus collected and seasoned that our vessels were mainly built.

Gradually this policy was changed. Successive administrations, with a view to the appearance of economy and a show of small expenditure, restricted the estimates for supplies to amounts barely sufficient to keep its few ships afloat.

The war found us literally destitute of materials in our navy yards, as well as with but few ships to sustain the national integrity. From mistaken economy, or from design, the government was, in its need, deficient in ships and destitute of material for their construction. No alternative was left, when resistance was made, but for the department to build its vessels as speedily as possible, and of such timber as could, in the great haste and emergency, be procured. As a consequence, vessels that should have lasted for years will soon perish, and must in the meantime involve heavy expense for necessary repairs in order to keep them afloat.

As vessels of wood will always be used to some extent for naval purposes, and as they can, for the present at least, be constructed more speedily than of iron, it will be wise economy to have a reasonable quantity of timber always in store.

A special appropriation annually for the purpose of accumulating a stock of material must always be advantageous to the government. In that way the navy can be best and most economically supplied; can make better purchases, and have more time to examine and test the deliveries.

WESTERN DEPOT AND ESTABLISHMENT.

It will be advisable at an early period to establish a naval depot on one of the rivers in the valley of the Mississippi, where we now have a squadron equal in numbers to the whole navy of the United States at the commencement of this administration. The want of an establishment in that quarter, where vessels may be constructed, armed, and armored, equipped, and repaired, has been severely felt, and in the absence of such an establishment the department has been compelled to resort to expedients that may have been sometimes disadvantageous.

For an iron navy the great rivers of the west are well adapted, and the immense resources in iron and coal that are distributed throughout that region indicate what must be the undoubted policy of the government at no distant period in relation to such an establishment. The time may not have arrived when the selection of a permanent location for a navy yard and foundery shall be made, but

it must be in the near future, and until then the department will be dependent in a great degree on private establishments and such temporary arrangements as can be secured.

HARBOR DEFENCES.

A long period of peace had rendered the government inattentive to the defence of the harbors, and under recent alarms the municipal authorities of many of our cities have made application for naval vessels to protect them from apprehended danger. Although solicitous to relieve any portion of our citizens even from unnecessary alarm, the department could not furnish the force required for every place exposed, nor has it been anticipated that such force would be expected of the navy. It has been the understanding that the fortifications were to be relied upon as furnishing the required security, while the navy performed a different service. No longer ago than May last the chief engineer of the War Department in a communication to Congress states that "as a general rule, with hardly an exception, the permanent defensive works of the United States were designed to forbid the passage through the waters subject to their fire of hostile vessels, or to prevent the use of such waters by an enemy in his vessels, or to secure the use of the waters for our own vessels. So long as these forts fulfil these conditions our fortified ports, navy yards, and harbors of refuge will be secure against injury from an enemy's ships, and the waters protected by them will be available for the use of our vessels and forbidden to those of an enemy. That is to say, these forts are designed as defences against hostile military power afloat."

While there may be difference of opinions as to the views here expressed, there is none whatever that the fortifications at our principal ports should be, and doubtless are, adequate defences against any cruiser or cruisers that may be afloat in the cause of the insurgents. It has not therefore entered into the estimates and arrangements of the Navy Department to furnish vessels for the defence of our ports, nor to detach them from other imperative duties for that purpose, when other provisions have been made by the government and have been uniformly relied upon for their protection.

DOCKING.

Our facilities for docking ships are altogether inadequate to our naval wants, and in a foreign war with a formidable power our condition would be deplorable. We have but one dry dock at each naval station, and three of our six docks are of wood, being both perishable and combustible. The capacity of these docks is much below the size required for some of the vessels we are now building, and such as we must build for the future. Other nations, finding themselves in a similar condition, are now enlarging their dry docks; and we, having but three permanent ones, and they designed for vessels of less dimensions than some we now build, should have new and suitable ones, and their construction should be forthwith com-

menced. Some of them should be at least 550 feet in length, with a breadth of 80 feet, to admit of large increase. Docks of wood are too perishable, and require greater depth of water for heavy ships than our harbors can furnish.

The importance of constructing wet basins at such of the navy yards as are sufficiently capacious to admit of it, adverted to by the Chief of the Bureau of Yards and Docks, is commended to the consideration of Congress.

REORGANIZATION OF THE DEPARTMENT AND THE NAVY.

The act of the 5th of July last, reorganizing the Navy Department, creates three additional bureaus. This insures a much better distribution of the labors and very much simplifies and facilitates the business of the department. The law has so recently gone into operation, and the officers have so lately entered upon their duties, that the results and benefits are but partially developed. I am satisfied, however, even in this early stage of the proceedings, that the change will be productive of efficiency and economy, and be advantageous in every respect, while the energy and talent of the chiefs who have been brought into the counsels of the department will inspire it with additional vigor.

The greatly increased labor imposed upon the department in consequence of the greatly increased force both of men and vessels in service, with a vastly more active employment, calls for additional clerical force in order that justice may be done to the service and the government.

By the law of December 21, 1861, it was enacted that any naval officer whose name had been borne on the Naval Register forty-five years, or who had attained the age of sixty-two years, shall be retired from active service and his name be entered on the retired list of officers of the grade to which he belonged. The President, by and with the advice and consent of the Senate, was authorized to detail retired officers to active duty and might on their receiving a vote of thanks from Congress, upon the recommendation of the President, be restored to the active list, and not otherwise.

By the same law the President was authorized to select any officer from the grades of captain or commander and assign him to the command of a squadron, with the rank and title of "flag-officer," and the officer thus assigned was to have command in full as if he were the senior officer of the squadron.

The officers of our blockading squadrons and of the Mississippi flotilla were recognized flag-officers until the passage of the act of the 16th of July establishing the grade of rear admiral, when they received that appointment.

The act of July 16, 1862, "to establish and equalize the grade of line officers of the United States navy," does justice in conferring ranks and grades that had, until that time, been withheld from as meritorious and gallant a class of officers as ever devoted their days and perilled their lives for their country. Though the justice to

which they were entitled has been long delayed, it was gracefully and generously rendered by the present Congress, and has been and is appreciated by the brave men who are its recipients, and by all attached to the service, as a just recognition of the worth and ability of the officers of the American navy. It is a gratifying fact, also, that our countrymen have responded with such unanimity to the action of Congress, and that the unworthy prejudices against naval titles and honors that once existed have so generally disappeared.

The commanders of our squadrons now hold rank with those of other naval powers on the ocean, on distant service, and wherever they carry our flag or appear as the representatives of their country.

The operations and working of the law may be improved and modified, in some respects, without changing the general principles of the bill, which are correct.

Votes of thanks having been rendered Flag-Officers L. M. Goldsborough, S. F. DuPont, D. G. Farragut, and A. H. Foote, they were nominated to the Senate for the place of rear admiral on the day subsequent to the approval of the act. At the same time the names of Captains Charles Stewart, George C. Read, William B. Shubrick, Joseph Smith, George W. Storer, Francis H. Gregory, Eli A. F. Lavalette, Silas H. Stringham, and Hiram Paulding were sent in for confirmation as rear admirals on the retired list. The nominations not having been submitted until the closing hours of the session were not acted on by the Senate, but the officers have been continued in the places to which they were promoted. Officers commanding squadrons, who, by the act of December last, were entitled to the rank and title of flag-officers, have, since the passage of the act of July 16, been awarded, while on duty, the position of acting rear admiral, thereby conferring on them rank corresponding with that of officers in similar position in the navies of other countries, and relative rank with the army officers of our own, when co-operating or brought together on active service.

In pursuance of the requirements of the fourth section of the "act to establish and equalize the grade of line officers of the United States navy," directing that the "Secretary of the Navy shall appoint an advisory board of not less than three officers senior to those to be reported upon, who shall carefully scrutinize the active list of line officers above and including the grade of masters in the line of promotion, and report to him in writing those who, in the opinion of the board, are worthy of promotion," I, on the 22d of July, appointed Captain William B. Shubrick, president, and Captains Francis Gregory, E. A. F. Lavalette, W. H. Gardner, and William W. McKean, as members of the board.

This board assembled in Washington on the 24th July, and concluded their labors on the 5th of August. Notice was forthwith given the officers whom they had designated of their rank and position. The fifth section of the law enacts that "the officers recommended shall be immediately commissioned," but as the Senate was not then in session, and as the right of selection and appointment cannot be conferred on an advisory board, or by law or congressional

action to any other tribunal than is specified by the Constitution, the names recommended will be presented for nomination and confirmation, subject to the decision of the President and Senate respectively.

The law having made no express provision for officers not recommended by the advisory board, either by promotion or retiring them, a question arises as to the disposition that is to be made of the officers thus superseded, for it is presumed they are not to be dismissed, although a strict and literal compliance with the act would seem to require it. In another respect the law inadvertently does injustice to certain officers of the grade of captain, who, though meritorious, are superseded by the act.

These and some other defects and incongruities require remedial legislation, and I respectfully invite attention to them.

NAVAL ACADEMY.

The largely increased number of vessels, and the greatly augmented force of the navy in every respect, call for an additional number of educated and properly disciplined officers. But it is well known that, while the demand for officers has increased, there has been a large diminution of their number by the desertion of those who, at the commencement of the insurrection, left the service. Efforts to supply the deficiency, and meet our necessities from the Naval Academy as early as possible, have been attended with embarrassment from legislative action in regard to appointments. The school itself has been restricted, not only by its removal, but by the failure to complete the authorized number, in consequence of no selections of candidates having been made by representatives in many of the districts.

Whatever may be thought of the propriety of surrendering to the popular branch of the legislative department of the government appointments, or the control of appointments, expressly confided, in all cases, by the Constitution to other departments of the government, and never to either branch of Congress, or of the policy of mingling the legislative authority with executive duties, the practice of the department has been to make the rule of appointment accord with the laws which are enacted. It is not necessary to discuss in this place the right of Congress to prescribe the locality from which appointments shall be made. As an indication of a disposition that the naval officers should be distributed throughout the country, the Executive has made it a point to conform, as far as practicable, to the rule or regulation indicated in the several laws upon the subject. In consequence of the insurrection, however, and the neglect or refusal of several of the States to elect representatives to Congress, the number of midshipmen had become reduced at the period when the country required an increase, and the efficiency of the navy was thus impaired or diminished by the rebellion, for the suppression of which its fullest power was invoked. Notwithstanding the desire to conform to the wishes of Congress, so far as they could practically be carried into effect, it was deemed unwise to permit those who were waging war against the

government to weaken its energy and impair its strength, or to destroy or lessen our naval power by permitting the insurgents, through neglect, to reduce the numbers of so valuable an institution as the Naval Academy, through a literal adherence to regulations of doubtful constitutionality. Foreseeing this state of things, I have, in former reports, suggested to Congress that the Executive should have authority, in form of law as well as in fact, to select candidates for unrepresented districts as well as for districts whose representatives should have made no selection.

When, therefore, the period approached for the formation of the class of the present year, and there remained a large number of vacancies unsupplied, it was concluded to fill up the Academy by appointments for some of the vacancies created by the rebellion. Such a course of action, plainly demanded by the exigencies of the public service, appeared to be in accordance with the policy and spirit of the act of July 16, 1862, though some of the provisions of that act, as it was passed, appear to be expressed in inapt terms, and to be, indeed, to some extent, confused, if not contradictory.

The number of midshipmen authorized by law is 515; the number now in the Academy is 376, leaving 139 vacancies, and it is proposed, unless Congress shall otherwise direct, to form a second class at the half-yearly examination in February by appointments to all the existing vacancies, the representatives having an opportunity to select candidates from their respective districts, the places belonging to which have been made vacant. During the disturbed and unsettled condition of the school and the country, I have been under the necessity of detailing and ordering to active duty some of the officers connected with the institution, and, for the time being, have selected civilians as instructors or assistant professors.

Under the extreme pressure for trained and educated naval officers, the midshipmen of the two highest classes were last year detached from the school and ordered into active service. Two advanced classes have been formed, which are striving with commendable zeal to complete their studies a year within the prescribed period. Instruction in practical seamanship is continued during the whole academic year. The midshipmen are all organized in two ship's companies, each one having his station assigned him in all movements. In addition, they are embarked every week on board the practice ships John Adams and Marion.

I earnestly commend the Naval Academy to the fostering care of Congress, and reiterate my sense of its importance to the efficiency of the naval service. Its cost, even upon a liberal scale of expenditure, would be insignificant as compared with its usefulness when properly managed.

PRIZES.

Persistent and systematic efforts to evade the blockade, and to convey articles, contraband of war, to the insurgents, have led to many captures. At the date of my last annual communication, one hundred and fifty-three vessels were reported to have been seized by the blockading squadrons. There have been since captured, and re-

ported to the department, three hundred and ninety vessels of all descriptions, making a total of five hundred and forty-three vessels that have been seized since the blockade has been instituted. Some of the vessels captured which were frail and not calculated for a sea voyage, were destroyed, but most of them, including a number of valuable steamers, have been sent in for adjudication.

Some modifications of the laws relative to proceedings in prize cases were made during the last session of Congress, but further legislation would seem to be necessary to facilitate the adjustment of these cases, and insure the prompt distribution of prize money.

Of the large number of vessels sent in for adjudication, in only forty-five have the proceedings been brought to a close, and while several millions of dollars in amount have been captured, and are in process of condemnation, the amount yet ordered to be distributed is but \$554,176 51. Of this sum \$376,595 65 is under decrees of the court at Key West.

MARINE CORPS.

In submitting his annual report the colonel commandant of the marine states that the corps is now six hundred men short of the complement, as exhibited by the general return, while, in his opinion, an increase of five hundred men, with a proportionate number of officers, is required.

There has always been a divided opinion among naval officers in regard to maintaining a distinct organization of marines for service on ships-of-war, even before the great change which the service has undergone by the introduction of steamers, with their corps of engineers, firemen, and attendants. An incongruity attaches to the system, for the marines are partly under the army laws and regulations, and partly under the naval code. On shore they are paid by a marine paymaster, on shipboard by a navy paymaster. They are subsisted on the army ration on shore, while on shipboard they have the navy ration. Consequently the condition of the marines vary from shore to ship, or ship to shore, as they may be employed.

It would be better were the corps to be permanently attached to either the naval or army service, instead of occupying an equivocal attitude as regards both.

The discipline and proficiency of the corps are reported to be satisfactory.

It is respectfully submitted that it is due to the corps, from its numbers and position, that the commander should be made a brigadier general, and thereby have rank corresponding with like commands.

SEAMEN AND EMPLOYEES IN NAVY YARDS.

The number of persons employed on board of our naval vessels, including receiving ships and recruits, is about 28,000; and there are not less than 12,000 mechanics and laborers employed at the different navy yards and naval stations.

It would be difficult to state the number employed at private yards and establishments on government work and under contracts with the department.

THE BUREAUS.

The reports of the several bureaus connected with the department exhibit in detail the operations of the year in all matters pertaining to them respectively.

The chief of the Bureau of Yards and Docks details specifically the various changes that have been made during the past year in the different navy yards, and gives his reasons at length for not purchasing land on Seavey's island, for which a contingent appropriation was made at the last session of Congress. He also offers some suggestions relative to the location of a navy yard to meet the wants of the country in the construction of iron and armored vessels.

The chief of the Bureau of Construction submits the usual statistics connected with his department. The large expenditure and vast details that devolve on this officer make his duties at all times arduous and responsible, and they have been immensely increased by the times, yet they have been met and discharged with unwearied assiduity. By the establishment of the Bureau of Equipment, the labor of the construction bureau will be greatly relieved; yet it must, under any circumstances, be onerous and responsible.

The improvements in ordnance equal, perhaps, if they do not excel, those which are made in armature. On this subject great progress has been made within a few years, and the theory and practice, under the direction of the skilful officer who has given it his special attention, and whose abilities in that capacity originally caused him to be detached from active duty afloat, and whose great services led him to be placed at the head of the Bureau of Ordnance, have elevated the standard of ordnance in the navy.

Like every other branch of the public service, that of ordnance was wholly unprepared for the great crisis that befel the country in 1861, and one of the most embarrassing difficulties at the commencement of our national troubles was that of procuring ordnance as rapidly as was required for our increasing navy. To remedy the deficiencies and wants when our vessels were multiplying, we were compelled for a time to revert to old artillery which had been discarded, and to avail ourselves of extraordinary means to meet the then existing necessities. These difficulties have been, in a measure, overcome, and our ordnance is greatly improved and improving.

It gives me pleasure to invite attention to the elaborate and exceedingly interesting report of the chief of the Bureau of Ordnance, and to ask the favorable consideration of Congress to his suggestions, particularly those recommending an ample supply of munitions in advance for the service.

The chief of the Bureau of Provisions and Clothing transmits the usual abstracts and statements of the operations of his department, and calls attention to the working, particularly in time of war, of the present contract system as required by law. In some respects it may

be modified for the better, and if the article of bread, and perhaps other naval supplies, were taken from the list of contract articles the government might be better served. The chief of the bureau recommends the establishment of a government bakery, and is of opinion that a more satisfactory article than is now furnished, and one less liable to deterioration, would be made, and with economy to the government. The change would undoubtedly have its advantages, and is commended to favorable consideration. It is also suggested that owing to a change in the character of naval vessels the pay of clerks to paymasters is wholly inadequate and disproportioned to the salary of other officers.

With the enlargement of the naval force, a corresponding increase has been required in the medical department. The report of the chief of the Medical Bureau furnishes the usual items of expense and the statistics for the year of the sick, killed, and wounded. One hundred and ninety-two have been killed, four hundred and seventy-four wounded, and twenty-three thousand one hundred and sixty-one have been under treatment. The total number of deaths has been one hundred and seventy-eight, a per centage of 0.77 to the whole number of cases treated. At the last session of Congress an appropriation of \$10,000 was made for the erection of a hospital on Seavey's Island. The sum is deemed inadequate, and the appropriation was so connected with the purchase of land that it has been unavailable. Twenty thousand dollars is desired for a hospital at Portsmouth, New Hampshire, disconnected with propositions for the purchase of land, leaving the site to the judgment of the department. As additional hospital accommodations are urgently needed, I recommend the applications to early and favorable consideration.

The Bureaus of Equipment and Recruiting, Steam Engineering and Navigation, having been organized subsequent to the close of the fiscal year, have only submitted estimates for the coming year.

EXPENSES AND ESTIMATES.

The appropriations made at the regular and special sessions of Congress for the fiscal year ending June 30, 1862, were \$43,615,551 77. The expenses of the department during the same time were \$42,200,529 96—leaving an unexpended balance of \$1,415,021 81. The amount expended includes the payment for the construction of fifty-two steamers; the purchase, alterations, and armament of one hundred and seventy-five steamers and sailing vessels; all the charter-money paid by the department, together with all the increased expenses incident to the enlarged navy. The amount appropriated for the current fiscal year, (ending June 30, 1863,) is \$52,814,359 07. The estimates submitted for the fiscal year ending June 30, 1864, amount to \$68,257,255 01, viz:

Navy proper	\$65,096,277 70
Marine corps	1,248,417 31
Navy yards	1,604,123 00
Hospitals	82,400 00
Magazines	33,522,00
Miscellaneous	192,515 00
	68,257,255 01

The objects for which the appropriations are required are given in detail in the reports of the chiefs of the bureaus and the commandant of the marine corps.

CONCLUSION.

I have thus endeavored to place before you and the country an exposition of the action of the Navy Department, and of the achievements of the navy during the past year. My account is, I am aware, necessarily imperfect, and I therefore again refer for interesting and important details to the subsidiary reports herewith presented, which I commend to the attention of the government and the country. If what I have written shall be considered as attesting in any degree the foresight and energy of this department, then I request that a generous measure of approbation may be awarded to those by whom I have been officially aided. I esteem myself and the country fortunate in the selection of those who have been associated with me in administering the duties of this department. In the Assistant Secretary I have ever found an able, earnest, and efficient coadjutor. And it gives me pleasure to acknowledge the aid which I have at all times received from the energy, experience, and wise counsel of the several Chiefs of Bureaus in my administration of our naval affairs, and which have been of the highest value to the service and the country.

But most of all do I commend to the gratitude and praise of their government and country the officers and men of the naval service. In my last annual report I said that in their hands the historic renown of the American navy had been elevated and augmented. Another year of their heroic and triumphant service authorizes and impels me now to state that no country ever owed a higher appreciation to its navy than is justly due to ours. No choice of naval officers for high commands or important administrative positions was ever more fortunate or successful.

For myself I claim only the merit—which, being manifest official obligation, can scarcely be considered a merit—of having in a conscientious spirit devoted in this memorable crisis of our history, with unwearied and unceasing effort, my best powers to the performance of the arduous and responsible duties of the head of this department.

GIDEON WELLES,
Secretary of the Navy.

To the PRESIDENT.

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REPORTS OF OFFICERS.

NORTH ATLANTIC BLOCKADING SQUADRON.

Commander O. S. Glisson's report of the destruction of a light-ship, December 30, 1861.

UNITED STATES STEAMER MOUNT VERNON,
Off Wilmington, N. C., December 31, 1861.

SIR: I have to report to you that having observed that the rebels made use of a light-ship (which was formerly on the Frying-pan shoals) as a beacon for guiding vessels in and out of the harbor, and for the purpose of annoying us by hoisting lights at night, I determined to take advantage of a hazy night, with the wind off shore, to effect her destruction. I therefore sent the cutter and gig last night at midnight to destroy her, if possible. The cutter I placed under the command of Acting Master Alick Allen, with Mr. John P. Foote, coast pilot, and a crew of five men, who were all well armed; this boat was also well supplied with combustible materials for the purpose of firing the vessel. The gig was under the command of Acting Master Henry L. Sturges, and had a crew of six men, who were also well armed. In going in, this boat took the lead, and while the cutter was alongside of the light-vessel, she lay off on her oars ready to support her in the event of an attack being made.

From the officers in command of the boats I gather the following particulars: The boats pulled in together till they got within a short distance of the light-vessel on the off side of her from Fort Caswell; the cutter then pulled under the starboard quarter of the vessel, and by the assistance of a rope found hanging there, the two officers, a boatswain's mate and a quartermaster, climbed on board. They found that she was quite deserted, and that carpenters had recently been at work on her putting up additional berths and cutting gun-ports. She was pierced for eight guns—six broadside and two after guns—and had the fighting-bolts in the deck, and everything nearly ready for mounting the guns. It was evidently intended to arm her for harbor defence. They found large quantities of wood lying about, and, with the assistance of the combustibles taken in the boat, a heap of combustible matter was soon collected, which, when well saturated with turpentine, was set fire to. The fire was discovered from the fort, (which was so near that the voices of the men giving the alarm were distinctly heard by those on board of the light-vessel,) but no effort was made to molest the boats until they were out of sight. The fort then opened fire from her great guns in the direction of the boats, but they were far removed from harm's way, and we had the pleasure of seeing the vessel burn to the water's edge, and at this time there is not a vestige of her to be seen above the water.

It gives me pleasure to state in this communication that every officer and man in this ship was a volunteer for this expedition. Much credit is due, both to the officers and men, for the able manner in which they discharged their hazardous duty.

I am, sir, very respectfully, your obedient servant,

O. S. GLISSON,
Commander, United States Navy

Flag-Officer L. M. GOLDSBOROUGH,
Commanding Atlantic Blockading Squadron, &c.

Flag-Officer Goldsborough's report of arrival at Hatteras inlet January 13, and of vessels in readiness for service.

UNITED STATES FLAG-STEAMER PHILADELPHIA,
Hatteras Inlet, January 23, 1862.

SIR: I have the honor to inform the department that I arrived here from Hampton roads, in the army transport Spaulding, on the morning of the 13th instant, just at the commencement of a strong northeast gale of wind, which lasted until the morning of the 15th, when for the first moment we were enabled to commence moving our naval vessels to a position in the sound over and beyond the bulkhead, where seventeen of them now lie, and have been lying for several days, under the immediate command of Commander Rowan, in full readiness for operations of any sort. This, in effect, now gives us the naval command of the sound; its military command will be secured by taking Roanoke island.

With the exception of the Whitehall, Perry, and Barney, all the vessels intended to serve on the expedition have safely arrived. The Whitehall, in trying to get here, became so seriously disabled that she was compelled to put back into Hampton roads, whence I ordered her to Newport News, to remain with the Congress and Cumberland, whose mechanics will do everything they can to put her in useful order. I no longer look for her services on this expedition. In case of an attack at Newport News, she will be of good service there. She is doubtless the worst sea-boat of all the ferry-boats with which I have had to do, and certainly the most unfortunate.

Why the Perry and Barney have not arrived here, is more than I know. They ought to have left Hampton roads more than a week ago. As they are both armed with 9-inch guns, I should greatly prefer to have their services; but, in an onward movement, I shall not wait a moment for them.

General Burnside is here with the most of his vessels and all his troops. He reached this inlet, in the Picket, simultaneously with my arrival in the Spaulding. Owing to various difficulties, it was not in his power, before yesterday, to make any rapid progress in getting his vessels over the bulkhead. Some of the difficulties, I fear, will prove insuperable, but many of them will be surmounted in a day or two. Then we shall at once move together to our destined point of attack.

The channel-way of this bulkhead is shallow, narrow, and tortuous. Under the most favorable circumstances scarcely an inch more than $7\frac{1}{2}$ feet of water can be found in it. It was only by the greatest exertions and perseverance on the part of my officers and men, and by turning every possible expedient to prompt account, that our vessels of the heaviest draught (some of them drawing quite eight feet) were worried through this perplexing gut; and it was in contending with this difficult passage, with our vessels struggling along unavoidably one by one, that I first expected opposition from the enemy; but nothing of the sort occurred. Until quite recently he was in the habit of visiting this neighborhood weekly, and amusing himself by keeping just out of harm's way, and expending ammunition from rifled guns at the vessels in this harbor. In no instance, however, did any projectile of his ever reach one of them. I had occasion to send out a steamer day before yesterday to ascertain if a certain buoy in the sound was still in its place, and, while engaged upon this service, she discovered two rebel steamers in the distance. On the fact being communicated to Commander Rowan, he instantly put after them with several of our steamers, but they at once took to flight, and were too far off to be overhauled. Any decided approach now to this quarter on the part of the enemy, with all the force he can muster, would, to a moral certainty, result in his speedy capture or destruction.

I have the honor to enclose to you herewith a list of the vessels over the

bulkhead, and in readiness for operations, showing the names of their commanders and the character of their armament.

January 26.—The above was written to go by the Spaulding on the 23d, but a severe gale of wind has detained her. Since then the Commodore Perry has arrived, and General Burnside has succeeded in getting a considerable number of his vessels over the bulkhead. Things now look hopeful, and I sincerely trust that we shall be at the enemy very soon. The Commodore Barney, I am informed, was to have sailed two hours or so after the Perry. I therefore look for her every moment.

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer, Commanding North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-STEAMER PHILADELPHIA,

Hatteras Inlet, January 19, 1862.

The following is a list of the vessels now over the bulkhead and in readiness for service, showing the names of their commanders and the character of their armaments :

Names of vessels.	Names of commanders.	Armament.
1. Stars and Stripes	Lieut. Com'g Werden	4 8-in. of 55 cwt.; 1 20-pdr. Parrott.
2. Louisiana.....	Lieut. Com'g Murray	1 8-in. of 63 cwt.; 1 32 pdr. of 57 cwt; 2 32-pdrs. of 3 cwt.; 1 12-pdr. rifled Dahlgren.
3. Hetzel.....	Lieut. Com'g Davenport....	1 9-in. of — cwt.; 1 80-pdr. rifled.
4. Underwriter....	Lieut. Com'g Jeffers.....	1 8 in. of 63 cwt.; 1 80-pdr. rifled; 1 12-pdr. rifled; 1 12-pdr. smooth bore.
5. Delaware	Lieut. Com'g Quackenbush..	1 9-in. of — cwt.; 1 32-pdr. of 57 cwt.; 1 12-pdr. rifled.
6. Valley City	Lieut. Com'g Chaplin	4 32-pdrs. of 42 cwt.; 1 12-pdr. rifled.
7. Southfield	A. V. Lt. Com'g Behm.....	3 9-in. of — cwt.; 1 100-pdr. rifled.
8. Hunchback	A. V. Lt. Com'g Colhoun...	Do. do.
9. Morse	Act'g Master Hayes.....	2 9-in. of — cwt.
10. Whitehead.....	Act'g Master French.....	1 9-in. of — cwt.
11. Seymour.....	Act'g Master Wells	1 30-pdr. rifled; 1 12-pdr. rifled.
12. Shawsheen.....	Act'g Master Woodward....	2 20-pdrs. rifled.
13. Lockwood.....	Act'g Master Graves	1 80-pdr. rifled; 1 12-pdr. rifled; 1 12- pdr. smooth bore.
14. Ceres.....	Act'g Master McDiarmid....	1 30-pdr. rifled; 1 32-pdr. of 33 cwt.
15. Putnam	Act'g Master Hotchkiss....	1 20-pdr. rifled.
16. Brincker.....	Act'g Master Giddings	1 30-pdr. rifled.
17. Granite.....	Act'g Master's Mate Boomer..	1 32-pdr. of 57 cwt.

The above force exhibits as follows:

11 guns of 9-in.	4 guns, 32-pdrs., 42 cwt.
2 guns, 100-pdr. rifled.	4 guns, 32-pdrs., 33 cwt.
3 guns, 80-pdr. rifled.	3 guns, 30-pdr. rifled.
2 guns of 8-in., 63 cwt.	4 guns 20-pdr. rifled.
4 guns of 8-in., 55 cwt.	6 guns, 12-pdr. rifled.
3 guns, 32-pdrs., 57 cwt.	2 guns, 12-pdr. smooth bore.

—
25

—
23

25

Total..... 48 guns.

L. M. GOLDSBOROUGH, *Flag-Officer.*

Flag-Officer Goldsborough reports the capture of Roanoke island, N. C.

UNITED STATES FLAG-STEAMER PHILADELPHIA,
Off Roanoke Island, February 9, 1862.

SIR : Roanoke island is ours. Its military authorities struck to us yesterday. Their means of defence were truly formidable, and they were used with a determination worthy of a better cause. They consisted of two elaborately constructed works, mounting together twenty guns, three of them being 100-pounder rifles; four other batteries, mounting together twenty guns, a large proportion of them being also of larger calibre, and some of them rifled; eight steamers, mounting two guns each, and each having a rifled gun with the diameter of a 32-pounder; a prolonged obstruction of sunken vessels and piles to thwart our advance; and, altogether, a body of men numbering scarcely less than five thousand, of whom three thousand are now our prisoners. The fighting commenced on the morning of the 7th instant, at about 11 o'clock, and was continued until dark. The following morning it was renewed at an early hour, and it lasted until well in the afternoon, when, by a bold charge of our army, the rebel flag was made to succumb, and our own was hoisted everywhere on the island in its place. No attack could have been more completely executed, and it was carried out precisely in accordance with the arrangements made before the expedition left Hatteras inlet.

A detailed account of the operations of the naval branch of the expedition will be forwarded to the department hereafter.

I beg to submit herewith a copy of a general order issued to-day to be read on the quarter-deck of each vessel belonging to that branch of the expedition.

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer, Commanding North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-STEAMER PHILADELPHIA,
Off Roanoke Island, February 9, 1862.

GENERAL ORDER.

To the officers and men under my command engaged in the reduction of Roanoke island:

Your efforts of yesterday and day before against the enemy were alike worthy of yourselves and the sacred cause that your glorious flag upholds.

I thank you for them, and congratulate you upon the results achieved. No commander-in-chief could have been more gallantly sustained, or could have desired a more gratifying display of coolness, skill, and discipline.

We have yet more work of the kind to accomplish, and will soon deliver another blow to crush the hydra of rebellion. From what I have already witnessed, I am sure that you will do it well.

L. M. GOLDSBOROUGH,

Flag-Officer, Commanding North Atlantic Blockading Squadron.

*Engagement off Elizabeth City, North Carolina, on the 9th February, 1862,
and destruction of enemy's naval force and battery on Cobb's Point.*

UNITED STATES FLAG-STEAMER PHILADELPHIA,
Off Roanoke Island, February 10, 1862.

SIR : Just as I closed my despatch to you of yesterday I received reliable information that the rebel steamers which escaped from here had gone to Elizabeth City, and thereupon I immediately ordered Commander Rowan to take thirteen of our steamers under his command and go in pursuit of them; and also, if practicable, to execute other important service, viz, the destruction up the North river of a link of the Albermarle and Chesapeake canal. He dashed off with a whole heart at his work, and the way he has already accomplished the first part of it his own preliminary report, a copy of which I have the honor herewith to enclose, will inform you. I have decided to send the Stars and Stripes off to Hampton roads to-morrow morning to bring me ammunition from there without delay. Mr. Van Brunt, my secretary, will go in her, and proceed to Washington to deliver to you my despatches and two of the rebel flags we have taken.

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer, Commanding North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER DELAWARE,
Off Elizabeth City, February 10, 1862.

SIR : I have the happiness to report that I met the enemy off this place this morning at nine o'clock, and after a very sharp engagement succeeded in destroying or capturing his entire naval force and silencing and destroying his battery on Cobb's Point. The only vessel saved from destruction is the steamer Ellis, Captain J. M. Cook, who is wounded and a prisoner on board this ship. I have other prisoners.

I am happy to say that our casualties are few, considering the warmth of the enemy's fire—say two or three killed and some wounded.

I send the Ellis to you under command of Acting Master Chase, of this ship, whom I hope you will confirm in the command.

The conduct of the gallant men I have the honor to command is worthy of all praise.

A detailed account will be furnished when I have time.

I am happy to say that none of the vessels are severely injured. I shall leave here a small force, and visit the canals, and take a look into the other places before I return.

I have the honor to be, very respectfully, your obedient servant,

S. C. ROWAN,

Commander, United States Navy.

*Detailed report of attack and capture of Roanoke island, North Carolina,
February 7 and 8, 1862.*

UNITED STATES FLAG-STEAMER PHILADELPHIA,
Off Roanoke Island, February 18, 1862.

SIR : The following detailed report concerning the part taken by some of the vessels belonging to the North Atlantic blockading squadron in the engagement of the 7th and 8th instant, I have now the honor to submit :

On the 28th ultimo, *all* the vessels composing the naval branch of our combined expedition intended by my arrangements to participate in the reduction of Roanoke island, and operate elsewhere in its vicinities, were over the bulkhead at Hatteras inlet and in readiness for service; but, owing to circumstances already communicated to the department, it was not until the 5th instant that those composing the army branch of it were similarly situated.

The naval vessels in view, all of which were placed by me under the general command of Commander S. C. Rowan, were the Stars and Stripes, Lieutenant Commanding Reed Werden; Louisiana, Lieutenant Commanding A. Murray; Hetzel, Lieutenant Commanding H. K. Davenport; Underwriter, Lieutenant Commanding William N. Jeffers; Delaware, Lieutenant Commanding S. P. Quackenbush; Commodore Perry, Lieutenant Commanding C. W. Flusser; Valley City, Lieutenant Commanding J. C. Chaplin; Commodore Barney, Acting Lieutenant Commanding R. T. Renshaw; Hunchback, Acting Volunteer Lieutenant Commanding E. R. Colhoun; Southfield, Acting Volunteer Lieutenant Commanding C. F. W. Behm; Morse, Acting Master Commanding Peter Hayes; Whitehead, Acting Master Commanding Charles A. French; Lockwood, Acting Master Commanding G. W. Graves; Brinker, Acting Master Commanding John E. Giddings; I. N. Seymour, Acting Master Commanding F. S. Wells; Ceres, Acting Master Commanding John McDiarmid; Putnam, Acting Master Commanding W. J. Hotchkiss; Shawsheen, Acting Master Commanding Thomas G. Woodward; and Granite, Acting Master's Mate Commanding E. Boomer.

During our detention at the inlet we resorted to every means in our power to get accurate information of the enemy's position and preparation, and we obtained enough to enable us to arrange our programme of attack, which, in substance, was as follows : The naval division was to lead from the time of starting up to that of encountering the enemy. The marshes, in case of being defended by a battery and the enemy's vessels, were to be passed by noticing the former only in a transitory way, and by dashing, without delay, directly at the latter. On approaching Roanoke island sufficiently near, the batteries at Pork and Sandy Points (if any at the latter) and the vessels of the enemy, if drawn up to meet us, were to be the first objects assailed by the naval division, aided by such fighting vessels, under the general command of Commander Samuel F. Hazard, as the army division could afford.

While this work was going on the army, under cover of its own vessels and six of our armed launches, was to land at Ashby's harbor, or, if preferable, a portion of it at Sandy Point, half a mile above. In advancing from the inlet the vessels of both branches of the expedition were to observe my signals.

Early on the morning of the 5th, the necessary general signals for a move were thrown out from the Philadelphia, and, as soon afterward as could be expected for so large a number of vessels, all were under way, with the naval division as prescribed arranged in three columns, commanded, respectively, by Lieutenants Commanding Werden, Murray, and Davenport. Although the weather favored us, our progress was unavoidably slow.

Apprehending that the buoy on the eastern extremity of Long Point shoal, distant some twenty miles from the inlet, might have been removed, a steamer,

with the Granite in tow, was sent ahead to ascertain the fact, and, if necessary, to place another already prepared in its stead. Fortunately, it had not been removed. A flag, however, was placed upon it, a signal of caution was made, and thus the shoal, the worst obstruction in the way, was safely avoided by each and all.

At sundown, having arrived off Stumpy Point and within ten miles of the marshes, the whole force anchored by signal, each vessel occupying as nearly as practicable, the same relative position toward the rest as she had done in steaming. Here it was judged expedient to detail a small party to visit a certain house on the mainland for the purpose of securing, even forcibly, the services of a certain individual, whose name had been given to us at the inlet. An officer took it in charge, and before midnight he brought the man to me on board the Philadelphia.

Early the next morning, accompanied by the chief of my staff and fleet, Captain Commander Augustus L. Case, Captain's Clerk H. G. B. Fisher, as signal officer, with two petty officers to assist him, and Lieutenants Thomas R. Robeson and Nathaniel S. Barstow, of the army signal corps, with their party of four men, I changed my quarters temporarily from the Philadelphia to the Southfield, and hoisted my flag on board of her. In a little while afterward our whole force, by signal, was again under way with two of our lighter draught steamers, the Ceres and Putnam, a mile or so in advance, in order to detect either the enemy himself or any obstructions he might have concealed. The weather was now thick and threatening, and, of course, bad for distant discoveries. About 9 o'clock, however, it cleared away for a short while in the direction of Roanoke island, and then, for the first time, we distinctly recognized the enemy's armed and other vessels lying at anchor, apparently close in with the shore between Pork and Wier Point; but in an hour and a half afterwards, and when within a couple of miles of the marshes, it again became not only thick, but rainy and windy, and this induced us to anchor once more, still observing the same general order of relative position that we had done the evening before. In the course of the afternoon one of the enemy's steamers approached the marshes for the purpose, no doubt, of reconnoitering our force. She met with no opposition from us, simply because we were not unwilling that she should accomplish her wishes.

The following morning, Friday, February 7, at daylight, the weather was more propitious, and the sky gave evident signs of a clear day. At 9 o'clock, and for the third time since leaving the inlet, the whole force was put under way by another general signal. Besides the Ceres and Putnam, the Underwriter also was placed in advance, the former two to keep not more than 400 yards ahead of the flag-ship, and the latter, at a proper time, to go as much beyond that distance as might be necessary to discover, as early as possible, if a battery had been erected on Sandy Point. The marshes were soon threaded and astern of us. Their passage-way is so narrow as not to admit more than two vessels abreast, and in this order they kept until it was cleared, and the much wider waters of Croatan sound were reached. Being anxious to make a decided impression upon the enemy early in the contest, all the vessels with 9-inch guns were ordered to close up around the flag-ship. At 10.30 a m., the enemy's vessels, eight in number, all being drawn up behind an extensive obstruction formed by a double row of piles and sunken vessels stretching well across the sound and between the forts on Pork and Wier Points, one of them fired a heavy gun, probably intended to announce, generally, that an attack was just impending. In less than an hour afterwards, the Underwriter failing to draw a reply to a shot she had fired, signaled "no battery on Sandy Point." The omission to guard this point was favorable to the arrangement of landing the troops at Ashby's harbor. Had it been protected our difficulties would have been materially increased.

Not long after this announcement, the naval division, composed and com-

manded as stated above, accompanied, as predetermined, by the Picket, Captain Thomas P. Ives; Huzzar, Captain Frederick Crocker; Pioneer, Captain Charles E. Baker; Vidette, Captain John L. Foster; Ranger, Captain Samuel Emerson; Lancer, Captain M. B. Morley; and Chasseur, Captain John West, of the army division, and keeping in close order, had approached the enemy near enough to begin the attack, and to devote the most of its firing against the fort on Pork Point, not neglecting, however, the enemy's vessels, a battery between Pork and Weir Points, and another on Redstone Point, all of which opened fire upon us, but the latter only occasionally, and without effect. By noon, our vessels having approached still nearer, the action became general on their part and that of the enemy. At 1.30 p. m. the effect of our firing caused the barracks behind the fort at Pork Point to burst into flames, and at 2.15 p. m. they were burning furiously, entirely beyond redemption. About this time our vessels being placed by their respective commanders as advantageously as circumstances would permit, the firing was the hottest. Throughout the sound lying between Roanoke island and the main land the depth of water at best is but little, and the bottom everywhere is essentially lumpy and irregular. Even at the distance of a mile and more from the shore where we had to approach, scarcely a general depth at low water of more than seven feet is to be found. With one or two exceptions, none of our vessels drew less than seven feet, and some of them drew rather more than eight. In placing them, therefore, so as to make their various guns to tell effectually, their several commanders had to exercise a sound discretion, and to keep in view the consideration due to the use of shells with fuses fixed in value as to time. To have used, for instance, a five-seconds fuse in shelling uncovered works at a less distance than about 1,400 yards, would not have secured the best results. Toward 3 p. m. the troops, embarked on board of light draught steamers and boats, started to land at Ashby's harbor. The place was guarded by a large body of the enemy, with a field battery, but the Delaware, with Commander Rowan on board, and his division flag at her mast-head, having very judiciously taken up a flanking position to the southward of Pork Point, and thus, most opportunely, being near at hand, immediately turned her guns toward the harbor, and with some 9-inch shrapnels soon cleared the way. At 4.30 p. m. Pork Point battery, and the one next to the northward of it, ceased for a while to reply to our fire; five of the enemy's steamers, apparently injured, went back behind Weir's Point, and the first landing of our troops took place. At 5 p. m. those batteries again opened upon our vessels, and the enemy's steamers once more put forth and opened upon us. In about forty minutes, however, the latter were compelled a second time to retire. One of them, the Curlew, in a disabled condition, had taken refuge under the battery on Redstone Point. At 6 p. m. the firing of the enemy being only from Pork Point, and at long intervals, darkness coming on, and, not wishing to waste ammunition, I ordered the signal "cease firing" to be made. In the course of the afternoon, our six launches, under the command of Midshipman Benjamin H. Porter, landed their howitzers and joined the army, for the purpose of commanding the main road and its two forks during the night, and assisting in more active operations the following morning. By midnight some 10,000 of our troops had been safely landed at Ashby's harbor, the Delaware having taken on board from the Cossack some 800, and put them on shore at 10 p. m.

February 8.—As it was arranged by General Burnside that his forces should move, at a very early hour this morning, from where they had been landed, and begin their attack upon the enemy, and, as the direction they were required to take would, in all probability, soon bring them in the line of fire occupied by the navy, it was agreed between us last night that to-day the vessels should not renew operations until I could receive word from him that their missiles would not be destructive to both friends and foes. At daylight none of the enemy's vessels, except the Curlew, could be discovered.

At 9 a. m. a continuous firing in the interior of the island told us that our forces were hotly engaged about midway between Ashby's harbor and Pork Point battery, and, as this intelligence also assured us that our forces were not then in the range of our line of fire, our vessels, without waiting to hear from General Burnside, at once moved up to re-engage the forts. At this work they continued until the firing in the interior evidently slackened. Then taking it for granted that our troops were carrying everything before them, and thus fast approaching the rear of the batteries, I again ordered the signal "cease firing" to be made. At the time, however, the work on Pork Point was so reduced that it did not use but one gun against us. Shortly afterwards, on being informed by one of General Burnside's aids of the actual state of things on shore, I was induced to order another demonstration on the part of our vessels, but before firing had generally commenced Commander Rowan came on board the Southfield just from General Burnside, with the suggestion that it would be better to desist, and accordingly they were recalled.

At 1 p. m., judging that the time had arrived for clearing a passage way through the obstructions alluded to above, by the accomplishment of which both the battery on Redstone Point and the Curlew might be destroyed, and our advance up Albemarle Sound would be secured, the Underwriter, Valley City, Seymour, Lockwood, Ceres, Shawsheen, Putnam, Whitehead, and Brincker were ordered to perform the service. By 4 p. m. one of them had overcome the difficulty for herself, and reached the other side, and in less than an hour more a sufficient way for all the rest was opened. This important duty could not have been undertaken one moment earlier than it was without exposing our vessels, huddled together, to the converging and cross-fire of the four batteries at Pork, Weir's, and Redstone Points, and another one situated between the former two. About the same time that our vessels succeeded in bursting through the barricades the American flag was hoisted over the battery at Pork Point, and in a few minutes afterwards the enemy himself fired the works at Redstone Point, and also the steamer Curlew. Both blew up in the early part of the evening. These events closed the struggle, which had now lasted throughout two days, and were essentially the last scenes enacted in securing to us complete possession of the island of Roanoke.

A statement of the casualties that occurred will accompany this communication. They amount in all to six killed, seventeen wounded, and two missing. Considering how frequently our vessels were struck, it is remarkable that more did not take place; and considering the character of our vessels, it is also remarkable that none of them were even put *hors du combat*, except temporarily.

It now remains for me to discharge the gratifying duty of speaking of the officers and men under my command on the occasion in view. This, obviously, I can only do, as it were, in a collective way; but the reports of the commanding officers herewith submitted, upon which, necessarily, I have to rely, and in which I place every confidence, will be found more circumstantial. I beg to commend to your consideration the commanding officers themselves, who did their part entirely to my satisfaction, and, in fact, in a most admirable manner. The general order I issued the day after the surrender, a copy of which accompanies my preliminary report, was intended to convey applause and my profound gratitude to all to whom it relates, and I therefore beg that it may be so regarded by the Navy Department. I pray, too, that to the bereaved individuals whose support and comfort depended upon those who are now among the honored dead may be extended the earliest fostering care that circumstances will permit.

It is really difficult for me to state in adequate terms how largely I feel myself indebted to Commanders Rowan and Case for their constant and signal services throughout, from the very inception of the expedition to the consummation of the achievement in view. They, hand in hand, with their marked ability and sound sense, and in the absense of all ordinary facilities, brought about, at

Hampton Roads, the arming, manning, and equipment of the many vessels sent to us, from necessity, in an unprepared condition; and subsequently, they both labored most conspicuously and faithfully, in their respective spheres of action, to vanquish difficulties at the inlet and the enemy at Roanoke. In short, their assistance to me has been invaluable.

I am promised a report by General Burnside with regard to Midshipman Porter's association with his forces, and as soon as it comes to hand I will with pleasure forward it to the department.

Although the Philadelphia did not participate in the action, because of her unfitness for the purpose, still she was ever near at hand, in readiness, if necessary, to tow the disabled, receive some of the wounded, and furnish supplies. Her commander, Acting Master Silas Reynolds, is every way worthy of his trust.

Mr. Fisher performed the important duties of signal officer in the most commendable manner. Not only were all the signals ordered promptly made, but no mistake whatever occurred.

Lieutenants Robeson and Barstow, of the army, were ever in place, and ready, by means of Myers's system of signals, to make known to those not accustomed to our own code whatever I wished.

It will afford me peculiar pleasure, sir, to communicate to you in due season more particular information with regard to the cases of individuals which appear to me to merit a distinct consideration on the part of the government.

I have the honor to be, sir, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer, commanding North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER STARS AND STRIPES,

Off Roanoke Island, February 10, 1862.

SIR: In obedience to your order of this instant, I have the honor to submit the following report of the part taken by this vessel in the action of the 7th instant:

At 12 o'clock m. I approached the shore as near as the circumstances would admit of, and opened fire with one 20-pounder Parrot and two 12-pounder rifle guns upon the rebel steamers, and with two 8-inch guns upon the battery on Pork Point, using shell with 10" and 15" fuses and hollow shot, many of the shell bursting in and over the fort; while the Parrott and rifle guns did good execution among the rebel steamers.

The action was continued until 6 o'clock p. m., when, in obedience to signal, I ceased firing, and soon after anchored for the night.

I kept my vessel in motion with great difficulty, owing to her great draught of water, and was aground twice during the engagement.

I have no casualties to report among the officers and crew, and no injuries to the vessel, except shooting away a brace, although at times the enemy's shot and shell were passing near and over us.

It affords me great pleasure to allude to the coolness and good conduct of the officers and men upon this occasion.

I herewith enclose the gunner's report of the expenditure of ammunition.

I am, very respectfully, your obedient servant,

R. WORDEN,

Lieutenant Commanding.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER LOUISIANA,
Near Roanoke Island, February 8, 1862.

SIR: On the morning of the 7th, in obedience to signal, I got underway with the column under my command, and, in company with the main body of the naval forces, passed through the marshes without accident to any vessel, except the one under my immediate command, which struck an obstruction in the channel and swung entirely round, bearing her weight upon the propeller.

Whilst in this position I hastened to the advance, to sustain the flag officer, the 9-inch gun vessels.

When the naval division of the fleet had passed, our vessel, with the aid of the Seymour, was (with the loss of a flange from her propeller) clear; and, to the great satisfaction of officers and crew, we overtook our position, and were enabled to close with the enemy's fortifications, and share with the other two columns in a bombardment, which has ended in a victory creditable to our arms, and, what is better, of incalculable benefit to our cause.

The Louisiana, early in the action, was set on fire and otherwise severely injured by the explosion of an 80-pound rifled projectile, fired from the enemy's works into her forehold; in six minutes from the time she was struck the fire was out, and the ship re-engaged the enemy; the promptitude and coolness with which the officers and men, under the enemy's fire, and amid so much that was combustible around them, went to the duty of extinguishing the flames was extremely gratifying to me, as an exhibition of high discipline; it is my greatest pleasure as well as duty to say, that during the two days' action I had occasion only to admire the untiring patience and cheerful courage of both officers and crew.

The Barney took a position which Acting Lieutenant Renshaw thought most suitable for the efficiency of his 9-inch guns, and maintained it till his shell were expended. The fire of the Barney was excellent.

The Hunchback, Acting Lieutenant Colhoun, took a position very near the batteries, and sustained considerable damage from the fire of the enemy, which she is now repairing. During the whole of the engagement, and in spite of her injuries, she maintained her proximity to the enemy, to his great apparent embarrassment, and to the admiration of the other ships.

The Seymour and Lockwood, Acting Masters Commanding Wells and Graves, were conspicuously in the foreground throughout the bombardment, these gentlemen meriting my entire satisfaction.

The sloop Granite, Master's Mate Boomer commanding, left me in the early part of the action, being entirely dependent on her sail, finally worked up to close quarters with the enemy, and bearing his part gallantly throughout.

I have not yet received the account of the casualties in the column, or full expenditure of ammunition, but will forward them as supplementary.

I send a full account of ammunition expended on this ship, together with the number and character of projectiles thrown; also a complete list of officers.

Very respectfully, your obedient servant,

A. MURRAY, *Commanding Second Column.*

Commander S. C. ROWAN,

Commanding Flotilla, &c.

LOUISIANA.

Expended in action, February 7 and 8, 1862, off Roanoke Island :

32 pound shell.....		6— 5 seconds.	
		20—10 seconds.	
		28—15 seconds.	
		68 rifle shell.	
Total.....		121	
8-inch shell....	6—10 seconds.	14	9-pound charges powder... 126
		65	8-pound charges powder... 520
	28—15 seconds.	34	4½-pound charges powder... 153
Total		34	68
			1-pound charges powder... 68
			Pounds powder..... 867
25 solid shot.			
Total shell and shot.....			181
Respectfully, &c.,			

A. MURRAY,

Lieutenant Commanding Second Column.

UNITED STATES STEAMER HETZEL,

Croatan Sound, N. C., February 9, 1862.

SIR : I beg leave to submit the following report :

Being at anchor in Pamlico Sound above the "Swash", at 8 a. m. of Thursday, the 6th instant, in pursuance of signal got under way and steamed slowly up the sound, in order of three columns, as directed.

At 5.30 p. m. "a strange steamer" reported in sight. At 5.55 p. m., in obedience to order, came to anchor near marshes, at lower end of Roanoke island.

At 10 a. m. of Friday the 7th got under way and steamed through the marshes, in two columns, as directed.

At 10.30 a. m. saw eight of the enemy's gunboats lying above a battery at Pork Point on Roanoke island, and behind a line of obstructions, consisting of piles driven and vessels sunk across the channel, in range of this battery. Obeyed signals to "follow and engage the enemy."

At 11.38 a. m. a shot was fired from one of the enemy's gunboats, answered by one of our vessels. The battery soon opened, and the order being given to "close in upon the enemy," the firing soon became general.

At 1 p. m. a shot from one of the guns carried away the upper part of the enemy's flag staff, bringing his flag down by the run; it was soon replaced, however, on a smaller staff on the breastwork. At 1.30 p. m. enemy's quarters set on fire by exploding shell.

At 2.10 p. m. a 32-pounder round shot struck us on the water-line, just abaft the starboard wheel, lodging in the coal bunker of that side. Signaled the fact to the flag-ship, and withdrew from action to repair damages.

At 2.40 p. m., having temporarily repaired the injury sustained, went again into action.

At 4.15 p. m. a rifle shell from one of the enemy's vessels exploded over us; and one of the fragments striking Master's Mate Charles Harris on the head killed him instantly.

At 5.15 p. m. our 80-pounder rifled gun, aft, burst in the act of firing a solid shot, prostrating every man at the piece and wounding six of them—three severely—but, fortunately, killing none. The part forward of the trunnions fell upon the deck; one-third of the breach went overboard, carrying away the port bulwarks; another flew high into the air, and fell into the water just alongside; and the remaining portion, weighing about a thousand pounds, was driven through the deck, breaking one of the beams, passed through the magazine and the deck below, and lodged upon the keelson. The magazine was set on fire, and only extinguished in time to avoid an explosion by the presence of mind, promptitude, and intrepidity of Lieutenant Charles L. Franklin, executive officer, whom I beg to recommend to your especial consideration and that of the department.

Reported accident to flag-ship, and, at six p. m., anchored beyond reach of the enemy's guns.

On Saturday the 8th, at 8.30 a. m., went in and reported to Commander Rowan, and at 9 a. m. went alongside steamer Philadelphia and received on board carpenters to repair damages sustained by bursting of gun.

Proceeded thence to sloop Granite, and took from her a long 32-pounder, with shot and shell; left her side at 3 p. m. and anchored near by.

At 1 p. m. Master Daniels left the ship for the purpose of taking command of party with launch howitzers, appointed to act in concert with land forces.

At 3.30 p. m. the body of Mr. Harris was taken on shore at Roanoke island and solemnly interred. At 4.30 p. m. observed the American flag flying over the battery, the enemy having abandoned it.

Where all behaved with such coolness, courage, and devotion in sustaining the honor of our flag, it is difficult to discriminate; but I cannot refrain from expressing my high appreciation of the conduct, both professional and otherwise, of Acting Assistant Surgeon N. S. Campbell, who, being the first to discover the ship to be on fire, sent the men to the hose, directed the engineer to turn on the water, and then gave his attention to the wounded, inspiring the men by his coolness.

Acting Assistant Paymaster E. P. Heberdon, although quite unwell, volunteered to act as signal officer, and to take note of the action; and I must acknowledge the faithful manner in which he performed those duties. At the moment of our gun's bursting he was standing near by, and, although escaping unwounded, was severely shaken by the concussion.

The engineer department was managed in a manner that excited my warmest praise.

In conclusion, I beg leave to express my thanks to all my officers and men for their conduct in the action.

I enclose herewith the surgeon's report of casualties, and have the honor to remain, sir, very respectfully, your obedient servant,

H. K. DAVENPORT,
Lieutenant Commanding.

Commander S. C. ROWAN, U. S. N.,
Commanding Flotilla, &c., Croatan Sound, N. C.

UNITED STATES STEAMER UNDERWRITER,
Off Roanoke Island, February 9, 1862.

SIR: I have the honor to submit the following report of the operations of this vessel during the two days preceding the capture of Roanoke island and dependent fortifications.

At 10 a. m. on the 7th I weighed, in obedience to your instructions, and led in, accompanied by the *Ceres* on one bow and the *Putnam* on the other, to define the limits of the channel and pilot the fleet. The latter vessel soon grounded on the west side of the channel, but my pilot proving an excellent one, I kept in the best water; and about 10.30, on passing the marshes, discovered the enemy's vessels, which were subsequently found to be drawn up behind a barricade of sunken vessels and piles, stretching entirely across the sound, supported at each extremity by formidable batteries. On discovering the advance of the flotilla, the rebels fired an alarm gun.

When distant about two miles and a half, I fired a shell, and subsequently a second one at the fort, but did not provoke a reply. On your coming up abeam, in the *Southfield*, the rebel vessels opened fire, which was deliberately returned. As the other vessels gradually came up, and the channel widened sufficiently for manœuvering, the action became general with vessels and forts, the former retiring before us.

As your instructions required me to direct my attention to the vessels, I moved up quite near the barricades, but soon found that their batteries were carefully constructed, and, as I approached, I unmasked gun after gun firing through embrasures, four of which, I ascertained, enfiladed the barricade. As it was no part of the plan of attack to force the barricade before the reduction of the forts, or their serious injury, I allowed my vessel to drop back with the current to a position where but two guns bore upon her; these only fired at me occasionally.

The vessels, however, kept up a continual fire on the most advanced vessels on the left of our line. In return I made the most deliberate firing, averaging a shot from each of my rifled guns about once in eight minutes.

A fort on Redstone Point, also one at Wier's Point, occasionally fired a rifled gun at us, but at a range too distant for any effect, except by mere chance.

About 3 p. m., the rebel steamers being a long distance off, I edged over toward the battery, and fired a dozen 8-inch shells, most of which made good practice; then returned to my station, which I retained until the general signal to cease firing was made.

The next morning I went up and exchanged a few shot with the batteries, but ceased upon the recall being made.

In the afternoon, with the steamers placed under my orders, viz: the *Underwriter*, *Valley City*, *Seymour*, *Lockwood*, *Ceres*, *Shawsheen*, *Putnam*, *Whitehead*, and *Brinker*, I proceeded to the barricade for the purpose of removing a sufficient number of piles to allow the passage of the vessels of the squadron.

The principal difficulty consisted in finding the channel. In doing this, the *Putnam* grounded, and as she was in a most exposed position, if a rebel steamer lying at Redstone Point had advanced, I anchored and sent other tugs to assist in getting her off. In the meanwhile I sent boats to sound, and soon discovered several points of passage practicable after removing a few piles.

The *Ceres*, however, which I had sent on that duty, found a passage of sufficient width, between an unfinished row of piles and a sunken schooner. On this fact being reported to me I sent her, with several of the pilots, to pass through it, examine beyond, and fix the position of the northeast point of Falker's shoal. She had passed about a quarter of a mile beyond the barricade when I observed some two hundred men, in squads, running down to a battery plainly visible near Weir's Point, and I immediately recalled her.

While deliberating on the propriety of passing through the opening thus discovered, and exposing the vessels to the converging and cross-fire of the batteries at Pork, Weir's, and Redstone Points, our flag was seen entering the battery at Pork Point. I immediately got under way and passed the barricade, touching for a short time on a wreck, owing to one of the other vessels getting athwart my bows. As soon as it was perceived that we were passing the bar-

ricade, the rebels fired the buildings, and subsequently exploded the magazine of the fort on Redstone Point; the steamer lying there was also fired, showing that she must have been disabled by our fire of yesterday. While I was fast, closing the passage, the Lockwood cut the chain fastening two vessels together, and floated one of them out, thus clearing a passage for herself and other vessels, and the Valley City made a dash at a row of piles and forced a passage between them.

By this time it was nearly dark, and, a thick mist setting in, I anchored for the night. I have placed flags to mark the openings, which are sufficiently wide for the passage of any vessels.

In conclusion, I have only to testify to the coolness and attention of both officers and men of this vessel, under the difficult circumstances of being under fire without being permitted to return it, except at long intervals. I am pleased to report no casualties.

Accept my congratulations at the complete success which has been achieved by our arms at so small a sacrifice.

I have the honor to be your obedient servant,

WILLIAM N. JEFFERS,
Lieutenant Commanding.

Flag-Officer L. M. GOLDSBOROUGH,
Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER DELAWARE,
Off Roanoke Island, February 9, 1862.

SIR: I have the honor to submit to you the following report:

On the 7th day of February, 1862, at 10 a. m., the United States steamer Delaware, in obedience to a general signal from the United States flag-ship Southfield, got under way, and proceeded through the "Marshes" toward the battery on Roanoke island known as "Fort Sullivan," or "Pork Point," mounting nine guns, which fort we attacked at 11.30 a. m., and continued the fire, gradually closing in, until about 3 p. m., when we ran within a ship's length of the shore, for the purpose of flanking the fort, from which position we rendered good service by throwing shell of five-second fuse.

About this time I left the vessel, accompanied by my acting aid, Acting Assistant Paymaster F. R. Curtis, landed on Roanoke island, distant some one thousand yards from Fort Sullivan, and took possession of a rebel tent, bringing the same on board. After which, observing a light draught army transport, containing United States troops, proceeding toward the shore, we ran down for the purpose of covering their landing, which object we fully accomplished by driving off with shell a large number of confederate troops secreted in the woods in close proximity to our landing place.

At 5.15 p. m. reported to the flag-ship, and then landed the 51st Pennsylvania regiment, successfully accomplishing it by 8 p. m., when we hauled off and anchored some one hundred yards from the shore, remaining there during the night, for the purpose of protecting the troops that had already landed.

The following morning, at the request of General Burnside, sent Acting Master Chase, in command of ten soldiers of the 9th New Jersey regiment and two boats' crews, in-shore for the purpose of reconnoitering. They were accompanied by Captain DeWolf, United States army, and returned at 11 a. m. After

which, and during the afternoon, rendered assistance to the wounded on shore by sending the necessary medical attendance, warm water, &c.

I am, very respectfully, your obedient servant,

S. P. QUACKENBUSH,

Lieutenant Commanding.

STEPHEN C. ROWAN,

Com'g U. S. Flotilla in Pamlico Sound.

UNITED STATES STEAMER COMMODORE PERRY,

Off Elizabeth City, N. C., February 16, 1862.

SIR: In the action at Roanoke island on the 7th instant we fired two shots at the enemy's steamers at long range at 30 minutes past noon, and then closed in and opened fire on the battery.

At 4 p. m. ran out of fire, loaded our remaining shells, and resumed our position. Fired during the day one hundred and seventy-two 9-inch shells and twenty shrapnels, at distances from two to eight hundred yards.

We were hit by round shot from the battery seven times, five times in the hull. One shot passed through the magazine and through an empty powder-tank; another went between the engine and boiler, and through one of the water-tanks; two shots struck the starboard wheel. We were not materially injured.

Andrew Horton, private, company D, 4th Rhode Island volunteers, had a leg broken by a splinter. No other casualties. My officers and men behaved well.

I have the honor to be, &c.,

C. W. FLUSSER,

Lieutenant Commanding.

Commander S. C. ROWAN,

United States Navy.

UNITED STATES STEAMER VALLEY CITY,

Off Roanoke Island, February 10, 1862.

SIR: I respectfully beg to submit the following report of the action taken by this vessel in the reduction of Roanoke island, North Carolina, on the 7th and 8th days of February, 1862:

February 7, at 9 a. m., agreeably to the instructions of Commander H. K. Davenport, commanding the third column, I took a position astern of the United States steamer Putnam, steaming along the southern shore of Roanoke island.

At meridian, in obedience to general signal "to close with the enemy," I ran this vessel within three-quarters of a mile of the shore and engaged the rebel battery, in company with the United States steamers Commodore Perry, Morse, Whitehead, and Sloop Blinker.

On the second exchange of the enemy's fire a round shot struck the foremast of this vessel, grazing it nearly to the core, rendering the mast, I consider, unable to bear the weight of the foresail.

At 2 p. m. the enemy's fort was set on fire by the shells from this and the other vessels with whom we were in company. At 3 p. m. the flames within the enemy's fort raging fiercely, and their fire having considerably slackened, I ran this vessel a quarter of a mile nearer shore, keeping up a brisk fire of shell and round shot against the fort. Received exchanges of the fire from two guns on the eastern angle of the enemy's battery.

At 4 p. m., the enemy keeping up only a desultory fire, continued replying to it until I had expended all the shells I had on board. I then resorted to round shot, and continued the fire until 5.30, when, in obedience to signal, I retired out of range and came to anchor, having expended as follows: 184 6-pound charges, 32-pounder; 99 1-pound charges, 12-pounder rifle howitzer; 99 5-second shells, 32-pounder; 40 10-second shells, 32-pounder; 32 15-second shells, 32-pounder; 14 32-pound solid shot; and 105 12-pounder rifle shells.

In the morning I received from schooner Harwood the following supply of ammunition: 300 pounds cannon powder; 15 5-second shells, 32-pounder; 66 10-second shells, 32-pounder; 5 15-second shells, 32-pounder; 225 cartridge bags; 10 5-second fuses; 20 Dahlgren rifle shells; and 300 friction tubes.

I am happy to report no casualties during the day on board this vessel, the enemy's shot generally flying too high.

I take pleasure in bringing under your notice the very able assistance rendered me by Masters' Mates Benjamin Page and Charles W. Campbell, and the unflinching devotion to their duty evinced generally by the other officers and the crew under my command throughout this day.

February 8, at 10 a. m., in obedience to signal I got this vessel under way, stood in toward the shore and again opened fire on the rebel battery, the enemy returning gun for gun. After expending as follows: 18 6-pound charges, 32-pounder; 3 32-pound solid shots; 10 10-second shells, 32-pounder; 6 15-second shells, 32-pounder; and 3 Hotchkiss's percussion shells, in obedience to signal from flag-officer I retired out of range. Steamed alongside the flag-ship and received orders to report for duty to Captain Jeffers, of the steamer Underwriter.

Upon request of Captain Jeffers, I despatched two boats, under charge of Masters' Mates Brooks and Page, with our pilot, to unmask the channel, which was obstructed by a row of piles, reaching from shore to shore. The channel having been discovered, got under way in the evening in company with the other vessels; stood across the piles and came to anchor off the western point of Roanoke island.

I am happy to report no casualties on board this vessel during this day.

I am, very respectfully, &c.,

J. C. CHAPLIN, *Lieutenant Commanding.*

Commander S. C. ROWAN,

Commanding United States flotilla,

Albemarle Sound, North Carolina.

UNITED STATES STEAMER COMMODORE BARNEY,

Roanoke Island, February 11, 1862.

SIR: Agreeable to your order, I have the honor to transmit to you a report of the action of this vessel against the forts at Roanoke island, on Friday, the 7th instant.

In obedience to your signal on the morning of that day, for the 9-inch guns to advance, at 10 a. m. I engaged the southern or lower battery with 15-second fuses. The first two shots fell a little short, when I again advanced, and was successful in throwing my shells directly, as I supposed, into the fort. At 11 a. m., wishing to try the 10-second fuses, went in still nearer, but got aground, and before getting afloat, used what 10-second fuses I had on board, amounting to thirty, but think the greater part of them took effect on the houses in the rear of battery, as the flames soon burst out from that quarter. After getting into deep water again I took position for 15-second fuses, and it appeared that all the shells did good execution, as I was hailed from the steamer Picket and told that the shots "were beautiful." At this time I directed all the 5-second

fuses to be changed to 15-second, as I could not get near enough to use the former, and to the best of my judgment, out of the entire number of shells thrown, but six fell outside the fort—ninety-nine from No. 1, a forward gun, and twenty-five from No. 2, an after gun, leaving six on board, when it had grown so dark that I could scarcely see your general signal of recall. At 3.30 p. m. this vessel received one shot through her upper works, and one shell burst on the forward deck, but I am happy to state that no one was injured.

I would most respectfully testify to the good conduct of the officers and crew, together with the soldiers on board, and particularly to the good shooting of Masters' Mates Hill and Washburn.

I am, sir, with great respect, &c.,

R. F. RENSHAW,

Acting Second Lieutenant Commanding.

Flag-Officer GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER HUNCHBACK,
Croatan Sound, North Carolina, February 10, 1862.

SIR: In obedience to your order of this date, I respectfully submit the following report of the operations of this vessel in the engagement of the 7th instant with the enemy's battery and gunboats.

We went into action about 11 a. m., directing most of our efforts against their gunboats. They having in a short time withdrawn from range of our guns, in obedience to your signal I closed in with the battey on Pork Point, going as far in as my draught of water would permit. At 3.30 p. m. a shot struck the engine, carrying away the top of one of the cylinder guide-rods and the spring bow, and disabled it. I then anchored and sprung on the battery, with which I was engaged until nearly dark, part of the time being under a cross fire from the enemy's gunboats.

The Hunchback was struck by the enemy's shot eight times, one coming through the hull just above the water line. We fired 204 shell and 4 shrapnel from the three 9-inch guns, and 24 solid shot, 12 percussion, and 64 paper case fuse shells, from the 100-pounder rifle. Though we were in the thickest of the engagement, no one was hurt.

Too much praise cannot be given to the officers and men under my command for the manner in which they did their duty. No commander in battle was ever better supported, and they all deserve well of their country.

I have the honor to be, &c.,

EDWARD R. COLHOUN,

Acting Lieutenant Commanding.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER SOUTHFIELD,
Croaton Sound, February 10, 1862.

SIR: In obedience to your order of this day, I have the honor to state that the United States steamer Southfield, under my command, and honored by your presence and flag, opened fire on the rebel fleet, between Weir's Point and Pork Point, and on the fort at Pork Point at 11.30 a. m., on the 7th instant. We continued firing until sundown, when you gave the order to cease firing, and we came to an anchor in 11 feet. As you were on deck during the whole of the engagement, it will be unnecessary for me to particularize. Officers and crew behaved

well and coolly. Allow me to call your attention to the valuable services rendered by Acting Master Richard Vevers, my executive officer, who had charge of the forward division of guns, and contributed largely to the efficiency of the 100-pound Parrott rifle and No. 2 9-inch shell gun. The captains of both these guns showed coolness and skill, and made some splendid shooting. Their names are John Johnson and Charles Coleman. Acting Master's Mate W. F. Pratt, who had charge of the after division and directed all the firing there, deserves much praise. We had, as gun's crew, 17 men of the 9th New Jersey regiment, who behaved remarkably well, considering that they were not used to the handling of large guns. Mr. Pratt made excellent shots, whenever he could get the range clear of other vessels. In fact, I believe we never fired a shot over or near any of our own vessels, and the Southfield being very long, and often very near the bottom, made her very difficult to manage.

Mr. Hayes, acting master and pilot, rendered me very valuable assistance.

On the 8th we commenced firing on the fort again at 9.20 a. m., by your orders. Came to an anchor immediately after, in 10 feet of water, and stopped there till you left us at 6 p. m., when the Philadelphia came alongside.

We met with no casualties, and had only one shot—a 32-pounder—pass through our upper works, and that was about 5 p. m., on the 7th, when we were in range of the Hunchback, which was at anchor with a spring on her cable. We have received no injury and have been ready for service all the time. The slight damage done to the upper works was repaired by a gang of carpenters kindly sent by you on the 9th.

Annexed please find account of ammunition received, expended, and on hand.

Most respectfully, your obedient servant,

CHARLES F. W. BEHM,

Acting Volunteer Lieutenant Commanding.

Commander L. M. GOLDSBOROUGH,

Flag-Officer.

UNITED STATES STEAMER MORSE,

Off Roanoke Island, February 11, 1862.

SIR: In obedience to your order of the 10th instant, I have the honor to submit herewith the following report of the operations of this vessel during the engagement on the 7th instant.

At 11.30 a. m. I approached the shore to within about 1,500 yards, and opened fire with 15'' shells upon the enemy's steamers, disabling the steamer Curlew. About the same time I commenced firing with 10'' and 5'' shells upon the battery on Pork Point, but finding that the latter exploded short of the battery, I ran in near enough to do execution. I then continued firing until my shell were all expended. At 4.30 p. m. signaled to the flag-ship my want of shell, whereupon Captain Case ordered me to withdraw and anchor for the night.

I have to report the loss of one man—Eli Holden, (seaman,) of New Bedford, Massachusetts—during the engagement. The vessel, although struck by shot and shell, sustained no material injury. It affords me great pleasure to call your attention to the brave and gallant conduct of my officers and crew during the whole engagement.

I herewith enclose a report of ammunition expended.

I am, sir, very respectfully, &c.,

PETER HAYES,

Acting Master Commanding.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER WHITEHEAD,
Off Roanoke Island, February 9, 1862.

SIR: I engaged the battery on the 7th instant, at 12 m., and kept up a continual fire till 5.45 p. m., at the distance of 1,500 yards, throwing shell effectively. I expended during the time ninety-eight shell, and am happy to say no casualties occurred.

My officers and men merit my warmest thanks for their promptness during the action, particularly T. W. Cook, paymaster's clerk, who rendered important aid in attending to the signals.

Very respectfully, your obedient servant,

CHARLES A. FRENCH,
Acting Master Commanding.

Commander S. C. ROWAN,
Commanding Naval Flotilla, Pamlico and Albemarle Sound.

UNITED STATES STEAMER LOCKWOOD,
Elizabeth City, N. C., February 12, 1862.

SIR: I have the honor to forward the following report of the action at Roanoke island on the 7th instant:

Commenced the engagement at 12 m., and continued it until six p. m., without any casualties. Total expenditure of ammunition: 86 rounds 12-pounder; 62 rounds 80-pounder.

Resumed the action with the enemy's battery at nine a. m. on the 8th instant, which lasted about 45 minutes. No casualties. Expended eight rounds 80-pounder ammunition.

I cannot speak too highly of the conduct of the officers and men under my command.

Very respectfully, &c.,

G. W. GRAVES,
Acting Master Commanding.

Lieutenant Commanding ALEX. MURRAY,
Commanding second column.

UNITED STATES STEAMER HENRY BRINKER,
Off Roanoke Island, February 8, 1862.

SIR: I have the honor to make the following report of the part taken by the vessel under my command in the action off Roanoke island on the 7th and 8th instant:

Entered the engagement of Pork Point battery at 12 m., and continued it until 3.20 p. m., when we were obliged to haul off for want of ammunition.

On the 8th, at 12 m., joined the fleet under command of Lieutenant Commanding Jeffers, and succeeded in forcing the barricade.

I take pleasure in saying that my officers and crew all behaved with the utmost gallantry and coolness.

No casualties occurred, and my vessel was not injured by the enemy's fire. Ammunition expended, 89 rounds.

I have the honor to be, &c.,

JNO. E. GIDDINGS
Acting Master Commanding.

Flag-Officer L. M. GOLDSBOROUGH,
Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER J. N. SEYMOUR,
Croatan Sound, February 16, 1862.

SIR: In obedience to your orders of the 10th instant, I herein have the honor to report the amount of ammunition expended, together with the casualties on board this vessel during the action of the 7th and 8th instants.

At 11 o'clock and 40 minutes a. m. took a position within one and a half miles of the lower battery on Roanoke island. I opened fire with both bow and stern guns, using percussion shell from Parrott gun, and shot and shell alternately in rifled howitzer directing my fire wholly at the barbette guns on the southern extremity of the battery, keeping up a continuous fire until 5.30 p. m., when, finding our ammunition to be reduced to 23 rounds, having expended 91 rounds from 30-pounder Parrott, and 112 from rifled howitzer, I hauled off to procure a fresh supply, being detained until dark in obtaining the same, by which time the firing on both sides had ceased. My boat, in company with others, was ordered on picket duty near the barricade, extending across the sound from Roanoke island to the main land.

I regret to add that Mr. Stephen Mealius, head engineer, was dangerously wounded in the hip, and Wm. Singleton, powder man, instantly killed by the enemy's shot during the afternoon. No damage was done to the vessel, if I except the joiner-work and windows broken by the concussion of our own guns, and a hawser cut in two by an enemy's shot.

Saturday, the 8th instant, at 8.40 a. m. got under way and ran down to within 1,500 yards of the battery, returning the enemy's fire, completely silencing for the time the three barbette guns before mentioned. At 10.55 a. m. a signal from the flag-ship to cease firing. Hauled off and anchored.

Very respectfully, &c.,

F. S. WELLS,
Acting Master Commanding.

Flag-Officer L. M. GOLDSBOROUGH,
Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER CERES,
Off Roanoke Island, February 15, 1862.

SIR: In obedience to your order of the 10th instant, I have the honor to submit the following report of the operations of this vessel on the 7th and 8th instants, at the attack on Roanoke island:

About 10.45 a. m., the Ceres in advance of the right column, I received permission from Commander S. C. Rowan to open fire with my rifled Parrott 30-pounder. I immediately commenced firing; found the first shot fell short, and moved closer up, until I got within range of the enemy's steamers. At 11 a. m. commenced firing at the enemy's steamers with the rifled 30-pounder. At two p. m. stood in toward the fort, until I found I was within range for the 32-pounder shell gun; commenced firing with the 32-pounder on the fort, and firing on the enemy's steamers with the rifled gun. At four p. m. R. M. Coleman, master's mate, in command of the 32-pounder, and Alex. Hand, first loader, were slightly wounded by the premature discharge of the gun, resulting from the improper serving of the vent. Ran alongside United States steamer Stars and Stripes, and had their wounds dressed; from thence went alongside store schooner Howard and received 65 32-pounder shells and two barrels of powder; ran in under the guns of the fort again, and again commenced firing as before on the fort and steamers. At five p. m. a shell from the enemy struck on the upper deck, splitting one of the beams, going through the lower deck,

bursting under the boiler, and carrying away one of the grates of the furnace. About sundown signal was made, "cease firing." Stood out and came to an anchor.

Very respectfully, &c.,

JNO. McDIARMID,
Acting Master Commanding.

Flag-Officer L. M. GOLDSBOROUGH,
Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER GEN. PUTNAM,
Croatan Sound, February 14, 1862.

SIR: In obedience to your order of the 10th instant, I have the honor to submit the following report of our engagement with the enemy on the 7th and 8th instant.

After 12 o'clock m. of the 7th I steamed up to the right of the squadron and commenced firing upon the battery with my 20-pounder Parrott gun, using shrapnel with twenty second fuses, bursting them directly over the battery. Kept approaching the battery and steadily firing, changing the fuse to fifteen seconds, then to ten seconds, and to five seconds, until within 700 yards of the battery; then with broadside to, keeping the boat in motion. I commenced firing shot and shell from our 32-pounder, directing my fire at the enemy's guns, continuing a steady fire from both guns until half-past five o'clock p. m. The shots from the enemy's battery passed to the right and left, but mostly over our heads. For about one hour we received a cross-fire from the rebel steamers on our left. We were once on fire near the machinery, on the hurricane deck, but it was soon extinguished and but little damage done.

My powder being expended, I reported to the commander-in-chief, who ordered me to the schooner Howard for a supply. During the night we made 100 cartridge-bags; on the morning of the 8th we filled them and started, in company with the Underwriter and several other boats, to pass the blockade of sunken vessels. The battery opened fire upon us, which we replied to for nearly one hour, when we were recalled. Through the whole engagement I am thankful to say that no one was hurt on board this vessel.

I take great pleasure in saying that the officers and men under my command pointed the guns with great precision, doing much credit to themselves and honor to that glorious flag which waves so proudly over us.

I am, sir, very respectfully, &c.,

WILLIAM J. HOTCHKISS,
Acting Master Commanding.

Flag-Officer L. M. GOLDSBOROUGH,
Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER SHAWSHEEN,
Off Roanoke Island, February 17, 1862.

SIR: In obedience to your order, I have the honor to submit to you the following report of the part taken by this steamer in the bombardment of Roanoke island, on the 7th and 8th instant:

On the 7th instant, at 11.45 a. m., our first shell was fired, which fell short of the battery. Stood in until within good range, when we took a position on the front wing and engaged the battery, firing alternately from both rifled guns

This position was maintained until sunset, when the signal was made on board the flag-ship to cease firing, we having received no material injury throughout the action. I have only to add that I was ably sustained by all the officers and crew under my command.

After dark I was ordered to take a position in advance of the fleet to watch any movements of the enemy which might take place through the night. Nothing occurring worthy of note, at 8.30 a. m., 8th instant, I was ordered to make another attack on the battery, which attack lasted for an hour, when signal was made to cease firing and all the gunboats engaged retired without our receiving any damage. I expended, throughout the engagement, 82 rounds of ammunition. Having no shot, shell were used altogether.

I am, sir, very respectfully, &c.,

THOMAS J. WOODWARD,
Acting Master, Commanding.

Flag-Officer L. M. GOLDSBOROUGH.

UNITED STATES SLOOP GRANITE,
Croatan Sound, February 11, 1862.

SIR: I would respectfully report that during the action of the 7th and 8th instant I expended 26 five-second and 4 ten-second shells, and 16 solid shot, and 468 pounds charges.

Casualties none; injured none.

I am, very respectfully, &c.,

E. BOONIER,
Acting Master's Mate, Commanding.

Flag-Officer L. M. GOLDSBOROUGH.

UNITED STATES STEAMER HUNCHBACK,
Off Roanoke Island, N. C., February 10, 1862.

SIR: In obedience to your order of the 10th instant, I now submit to you a detailed account of the operations of my battery during the engagement with the rebels on Roanoke island, February 8, 1862.

The officers of the battery were as follows: Acting Master Charles Daniels, of the United States steamer Hetzel; Lieutenants Tillotson and Hughes, of the Union coast guard; Flag-Officer's Clerk Edward P. Meeker, flag-ship Philadelphia; Acting Master's Mate J. B. Hammond, United States steamer Delaware; Acting Master's Mate Walter Griffith, United States steamer Underwriter. At 4.30 p. m., February 7, the signal was made to land the troops, and Brigadier General Burnside ordered me to proceed to Ashby's Cove and report to General Reno.

This I immediately did, and was ordered by him to disembark the pieces. As soon as they were landed I formed them in "columns of pieces," and advanced inland to the fork of the road. Here I stationed two of the pieces; two of the remaining pieces I stationed about half a mile in advance on the left fork, and the other two about the same distance in advance on the right fork. Here we remained until 7 a. m., February 8, when General Foster came up with his brigade to make the advance, and ordered me to follow on after the 25th regiment Massachusetts volunteers.

We immediately manned the drag-ropes and advanced about two miles, when I received an order from General Foster to bring the battery forward as fast as

possible. . I now gave the order "Forward, double quick," and we soon sighted the rebel battery, which was situated so as to rake a road which crossed the one upon which we were advancing at right angles, and was flanked on either side by a very thick swamp. As soon as I saw the enemy's fortification I halted and formed the pieces "side battery," with three pieces in the road upon which we were advancing and three on the right of it, and opened fire on the enemy with grape and shell from the rifled guns, and canister, shrapnel, and shell from the smooth bore, doing good execution amongst the reserve in the rear of their battery.

As I had received orders to keep the artillery on a line with the infantry, I advanced the pieces after each fire until they were in the open space directly in front of the rebel battery, where we made a stand under a most destructive fire from the rebel infantry. The men, however, worked the guns with great coolness and determination until all but ten rounds for each piece had been fired, when, as my orders were to reserve that number of rounds, I ceased firing for a short time, but commenced again firing once every two minutes to scatter the enemy's reserve.

We had been firing about three and a half hours when the fortification was stormed, and the rebels retreated towards Weir's Point. As soon as we reached the rebel battery we started on for Weir's Point, but after marching with the artillery about two miles we met General Foster, who told us that the enemy had surrendered, and that we should not be wanted any more. I therefore started on again for the Point, and the next morning embarked the battery and returned to the flotilla.

All praise is due my officers and men for their bravery and the alacrity and coolness with which they executed all of my orders. I particularly recommend to your notice Acting Master's Mate J. B. Hammond, of the United States steamer Delaware, who, by his coolness and intrepidity, elicited my warmest praise. I would also recommend to your notice Lieutenants Tillotson and Hughes, Union coast guard, who served their pieces in the most gallant manner throughout the action.

I now most respectfully submit the above report to your consideration, hoping that the operations may meet with your approval. I am very sorry to report the following casualties in my battery:

Killed.—John McCoy and John Doyle, privates in Union coast guard; James Herbert, private, 9th regiment New Jersey volunteers.

Wounded.—William Miller, private, 9th regiment New Jersey volunteers, seriously; John Saddler, private, Union coast guard, seriously; Nathan Stanford and David Lloyd, privates, Union coast guard, slightly; Benjamin Clinton, private, 9th regiment New Jersey volunteers, slightly.

Respectfully submitted.

BENJAMIN H. PORTER,
Midshipman United States Navy.

Flag-Officer L. M. GOLDSBOROUGH.

LIST OF CASUALTIES AT ROANOKE ISLAND.

UNITED STATES STEAMER HETZEL.

Killed.—Charles Harris, acting master's mate.

Wounded.—Charles Clark, boatswain's mate, severely; Tully McIntyre, seaman, slightly; Joseph N. Ingersoll, ordinary seaman, severely; William Smith, ordinary seaman, severely; Henry Bryant, ordinary seaman, slightly; Henry P. Thompson, coal-heaver, slightly.

UNITED STATES STEAMER SEYMOUR.

Killed.—John Singleton, coal-heaver.

Wounded.—Stephen Mealius, acting assistant engineer, severely.

UNITED STATES STEAMER MORSE.

Killed.—Eli Holden, seaman.

UNITED STATES STEAMER CERES.

Wounded.—R. M. Coleman, acting master's mate, slightly; Alexander Hand, ordinary seaman, severely.

UNITED STATES STEAMER COMMODORE PERRY.

Wounded.—Andrew Horton, private company D, 4th regiment Rhode Island volunteers, severely.

UNITED STATES STEAMER SOUTHFIELD.

Wounded.—Rufus Joy, signal quartermaster, slightly.

MIDSHIPMAN PORTER'S HOWITZER BATTERY, ENGAGED ON ROANOKE ISLAND.

Killed.—John McCoy, private, Union coast guard; John Doyle, private, Union coast guard; James Herbert, private, 9th regiment N. J. volunteers.

Wounded.—John Saddler, private, Union coast guard, severely; James Jackson, private, Union coast guard, severely; David Lloyd, private, Union coast guard, slightly; Nathan Stanford, private, Union coast guard, slightly; Benjamin Clinton, private, 9th regiment New Jersey volunteers, slightly; William Miller, private, 9th regiment New Jersey volunteers, severely.

Missing.—Manning Lyons, private, 9th regiment New Jersey volunteers; Nathan Buckley, private, 9th regiment New Jersey volunteers.

Recapitulation.—Killed, 6; wounded, 17; missing, 2.

Flag-Officer Goldsborough's report of destruction of guns, and capture and parole of prisoners, at Edenton, North Carolina.

No. 142.]

U. S. FLAG-SHIP PHILADELPHIA,
Off Roanoke Island, N. C. February 14, 1862.

SIR: Since my No. 141, a column of our vessels has visited Edenton, and destroyed some eight guns there. I have not, as yet, received the official reports of the transaction. Others are now engaged in obstructing the link of the Albemarle and Chesapeake canal, connecting North river with Currituck sound, and the work will be done, if possible. There are, however, serious difficulties attending it. I forward, herewith, a very remarkable letter from Mr. M. F. Maury, late of our navy, to Flag-Officer Lynch, which was found among the papers of the latter gentleman when his vessel, the Sea Bird, was captured by our forces. Accompanying it will be found printed specifications of the steam gunboats to which the letter alludes.

The Ellis, the only vessel of the enemy in the fight at Elizabeth City not completely destroyed, is now one of the steamers of our forces. One of the guns is a rifled 32-pounder of 57 cwt., and I would be glad to have projectiles

sent to me for it. They are made, I think, by our army, and perhaps at Fort Monroe. We have taken several of these guns, which I propose to use on board our own vessels, and, therefore, would like to have at least five hundred of the projectiles, and it would be well, perhaps, if they could be accompanied by a suitable number of filled cylinders. Until I receive a supply of ammunition we shall not be able to make any more offensive movements of consequence. Albemarle sound has been well swept, and the greatest consternation prevails among the enemy.

When I come to give you the details of the doings of the officers and men under my command you will, sir, I well know, be rejoiced at the dash and gallantry they have displayed. Their deeds are worthy of the best days of any navy on earth. I am compelled to write this despatch very hurriedly, as I was not aware, until a few minutes ago, that an opportunity offered for sending communications north.

I am, sir, very respectfully, &c.,

L. M. GOLDSBOROUGH,

Flag-Officer.

Hon. GIDEON WELLES,

Secretary of the Navy.

P. S.—In our captures off Elizabeth City some 39 prisoners, officers and men, belonging to the confederate navy, were taken by our vessels. I have put them all on parole, as we could not conveniently dispose of them otherwise. Each, however, was made to sign a paper pledging his sacred honor that, until duly exchanged, he would neither take up arms against the United States, serve against them in any manner or way, nor divulge anything he may have heard or seen during his captivity. I sent to General Huger a full account of the transaction. When I say "*all*," I mean all that wished to be released on parole. Nine of the number preferred to remain with us, and positively declined to return again to the rebel service or country. If found reliable, they will be shipped by us, on taking the oath of allegiance. L. M. G.

U. S. FLAG-STEAMER PHILADELPHIA,
Off Roanoke Island, N. C., February 12, 1862.

SIR: I have this day released on parole the undermentioned individuals, recently serving in the confederate navy, and captured by vessels belonging to the navy of the United States. Each has signed a paper worded as follows:

"OFF ROANOKE ISLAND, NORTH CAROLINA,
On board U. S. vessel-of-war, February 12, 1862.

"Belonging to the confederate States navy, and held as a prisoner of war by the authorities of the United States, I, understanding that this paper is intended to release me on parole, do hereby pledge my sacred honor that, until duly exchanged, I will neither take up arms against the United States, serve against them in any manner or way, nor divulge, to their prejudice, anything I may have heard or seen during my captivity."

Their names and rank are—

J. W. Cooke, lieutenant commanding; J. W. B. Greenhow, surgeon; P. McCarrick, master commanding; Jerry Bowden, colored boy; Stephen Beasley, seaman; Thomas T. Baum, ordinary seaman; Eames Williams, landsman; John Thornton, ordinary seaman; James Barnett, seaman; Iowa Gregory, ordinary seaman; Elias Williams, seaman; James A. Peters, midshipman; J. P. Wohmsley, third assistant engineer; George Livingston, captain's clerk; Jas.

McCarrick, master's mate; John W. Young, seaman; J. W. Ballance, landsman; John W. Phillips, quartermaster; Thomas Johnston, gunner's mate; John A. Wilson, seaman; William Mara, second class fireman; James T. Sullivan, ordinary seaman; J. J. Henderson, third assistant engineer; Junius Hanks, third assistant engineer; Reuben Willis, pilot; Joseph F. Weaver, carpenter; Alfred Reid, officer's cook; Josiah W. Butt, quartermaster; Edwin T. R. Jones, carpenter's mate; John W. Horton, ship's cook; George W. Dowdy, seaman; Jas. L. Day, seaman; William R. Scruggs, second lieutenant, company D. artillery corps, Wise legion.

I take it for granted that all of the above obligations, under which they have voluntarily placed themselves, will be religiously observed; and that no countenance whatever will be given to them from any quarter to do otherwise.

Very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer commanding North Atlantic Blockading Squadron.

Major General BENJAMIN HUGER,

Commanding Department, &c., Norfolk, Va.

Indorsement on the copy of the above letter transmitted to the department.

I beg to send this copy of my communication to General Huger, on the subject of releasing, on parole, the prisoners recently taken by us, to the department.

Most respectfully,

L. M. GOLDSBOROUGH,

Flag-Officer.

FEBRUARY 14, 1862.

P. S.—E. Holt Jones, assistant surgeon, confederate navy, has also been similarly released, he having signed a paper precisely like the above. This fact, I beg to say to the department, has not yet been made known to General Huger. Dr. Jones was released yesterday, at Elizabeth City, by Commander Rowan, agreeably to my orders. The rest of the prisoners were released here, off Roanoke Island, by me, they having been sent to this place for me to dispose of them by Commander Rowan.

All the prisoners taken at Elizabeth City amount, as nearly as I can ascertain, to 43, instead of 39, as mentioned in my official despatch, of whom 10 are officers.

L. M. G.

Despatch from Flag-Officer Goldsborough, forwarding official account of visits to Edenton and Currituck canal, North Carolina.

UNITED STATES FLAG-STEAMER PHILADELPHIA,

Off Roanoke Island, February 20, 1862.

SIR: Since my No. 142 I have received the official account of the visits of our vessels to Edenton, and also to the Currituck canal—the latter being the popular designation of the link of the Albemarle and Chesapeake connecting North river with Currituck sound—and have the honor to forward copies of them to you herewith. As you will perceive, sir, the obstructions of this link were, mostly, the work of the enemy. They are doubtless sufficient to stop effectually all navigation through the Currituck canal until they be removed, to do which will require no inconsiderable labor.

It escaped me to mention, in my last communication, that the light-house at Cape Hatteras may now be lighted with perfect safety, and I would respectfully suggest that this should be done forthwith by the direction and agents of our Light-house Board.

I also forward to you herewith a number of printed documents and manuscript papers found on board the enemy's flag-steamer *Sea Bird* at the time of her capture. Some of them, at least, will be of use to the department.

The names of the men-of-war vessels captured and destroyed by our vessels since we reached this island are as follows: Flag-steamer *Sea Bird*, destroyed; steamer *Forest*, destroyed; steamer *Curlew*, destroyed; steamer *Fanny*, destroyed; steamer *Ellis*, captured; steamer *Black Warrior*, destroyed; and a new gunboat on the stocks at Elizabeth City, also destroyed—making seven vessels in all; and each of the first six, I may add, was remarkably well armed as a gunboat. All of them, except the *Curlew*, were destroyed or captured in the attack at Elizabeth City; and it may be proper to mention that the whole of them, saving, of course, the one on the stocks, were struck by our projectiles of one kind or another in the course of the engagement they had with us off here on the 7th instant. The *Curlew*, during the engagement of the 7th, was so badly injured by one of our 100-pounder shells that she was compelled to seek shelter close under Fort Forrest, where, as soon as our vessels burst through the double row of extensive obstructions, (formed by piles and sunken vessels, and at, as we are credibly informed, a cost of \$400,000,) in order to get at her, and also attack the fort, she was set on fire by her own crew, and, almost simultaneously, the fort, too, shared the same fate from the hands of those who were in it. In about an hour afterward, in the dark of the evening, both blew up.

May I be permitted again to urge that as many of the new gunboats of light draught as can possibly be spared should be sent to me at the earliest moment? Those having a rudder at each end, and drawing, at most, not over eight feet of water, are the only ones suitable for our purposes. I should be happy to be permitted to assign commanders to them, after they reach here, from among the gallant and tried officers I now have with me, and to transfer the individuals who may bring them here to the vacant commands that this arrangement will occasion.

The best of our vessels now here are but exceedingly frail affairs against either forts or batteries of consequence, and have to be handled almost as carefully as though they represented baskets of eggs. Several of them already require extensive repairs; more, I fear, in some cases than we can effect here with our own resources, which, however, shall be strained to the utmost. Their own guns shake them so violently that their much continued use must result in a disintegration of hulls. Lighter guns would avail nothing against those of the enemy, nearly all of which are heavy and thoroughly well appointed. His favorite gun is the 32-pounder, of fifty-seven and sixty-three hundred weight, beautifully fortified at the breech end by a long and massive wrought iron cylindrical ring, and so rifled in the bore as to admit of the use of round shot and grape, as well as shells, by the simple interposition of a junk wad between the charge of powder and the shot or stand of grape. The range is admirable. The charge he uses is eight pounds of powder, but our impression is that the quality of his powder is quite inferior to our own; and, judging from the flashing of some of it on paper, this is certainly the case. All his forts and vessels that we have examined are provided with these guns. Very wisely, in my judgment, he does not use the percussion fuse; the only one that he does use, so far as we can ascertain, is the ordinary metallic time-fuse—precisely ours, even to the run of the screw—regulated in length so as to answer up to twenty-five seconds. In all our attacks percussion fuses have proved not only worthless but dangerous to ourselves. We have already secured a number of his guns of

the kind I describe. His ordnance arrangements throughout exhibit great skill and ingenuity—admirable workmanship.

The very disturbed state of the people of North Carolina; their great anxiety to ascertain the real object of our mission; and the belief that good will ensue, have induced General Burnside and myself to issue a proclamation, a copy of which will accompany this.

On the 18th instant I authorized Commander Rowan to take with him a number of our vessels and a regiment of the army, proceed up the Chowan river, enter the Blackwater and Nottoway rivers, and destroy the two bridges of the Seaboard and Roanoke railroad crossing these streams; and yesterday I authorized Lieutenant Commanding Jeffers to take charge of an army stern-wheel steamer, with two of our armed launches in tow, and some three hundred of the army on board, to proceed into Currituck sound and there destroy some important salt works in the neighborhood of Old Currituck inlet. Both expeditions are still absent, nor have I as yet received any tidings from either of them, although momentarily expecting to hear that each has been successful. I shall keep this open to the last moment of the departure of the Baltimore, under the hope of being enabled to inform you certainly of results.

February 21.—I have heard from both expeditions. Nothing, I believe, has yet been done in the way of accomplishing the objects proposed. The salt works turned out to be a worthless concern, and they could not be approached by the vessel we despatched, although she draws less water than anything we have on hand.

Very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer.

Hon. GIDEON WELLES,

Secretary of the Navy.

PROCLAMATION.

ROANOKE ISLAND, N. C., *February 18, 1862.*

The mission of our joint expedition is not to invade any of your rights, but to assert the authority of the United States, and to close with you the desolating war brought upon your State by comparatively a few bad men in your midst. Influenced infinitely more by the worst passions of human nature than by any show of elevated reason, they are still urging you astray to gratify their unholy purposes. They impose upon your credulity by telling you of wicked and even diabolical intentions on our part; of our desire to destroy your freedom, demolish your property, liberate your slaves, injure your women, and such like enormities; all of which, we assure you, is not only ridiculous, but utterly and wilfully false.

We are Christians as well as yourselves, and we profess to know full well and to feel profoundly the sacred obligations of that character. No apprehensions need be entertained that the demands of humanity or justice will be disregarded. We shall inflict no injury unless forced to do so by your own acts, and upon this you may confidently rely.

Those men are your worst enemies. They, in truth, have drawn you into your present condition, and are the real disturbers of your peace and the happiness of your firesides. We invite you, in the name of the Constitution, and in that of virtuous loyalty and civilization, to separate yourselves at once from their malign influence, to return to your allegiance, and not compel us to resort further to the force under our control. The government asks only that its au-

thority may be recognized, and, we repeat, in no manner or way does it desire to interfere with your laws constitutionally established, your institutions of any kind whatever, your property of any sort, or your usages in any respect.

L. M. GOLDSBOROUGH,

Flag-Officer, commanding North Atlantic Blockading Squadron.

A. E. BURNSIDE,

Brigadier General, commanding Department of North Carolina.

UNITED STATES STEAMER LOUISIANA,

Off Elizabeth City, North Carolina, February 12, 1862.

SIR: In obedience to your orders, I proceeded with this vessel, accompanied by the Underwriter, Lieutenant Commanding Jeffers, the Commodore Perry, Lieutenant Commanding Flusser, and the Lockwood, Acting Master Graves commanding, to the city of Edenton, west end of Albemarle sound.

At half-past 8 o'clock this morning we arrived off the entrance to the harbor, and after a careful reconnoissance, we passed in, the Lockwood in the advance, to keep the larger vessels informed, from time to time, of the depth of water in the channel, or of the appearance of earthworks on the banks. At 10 o'clock we had undisturbed possession of the town; part of a flying artillery regiment, variously estimated from one hundred to three hundred, fled precipitately without firing a shot. Many of the inhabitants also left, in consequence, I was told, of a vile rumor having been put in circulation by the panic-stricken enemy that our havoc was indiscriminate off Elizabeth. I was happy in being able to stigmatize such a report as it deserved, and to restore quiet to a very excited population.

There are no fortifications at or in the water approaches to Edenton. Near Hornblow's Point trees have been felled, possibly with a view to the construction of works. Among the results of the expedition are the destruction of eight cannon and one schooner (on the stocks) at Edenton. We captured two schooners in the sound, one having four thousand bushels of corn. We also took six bales of cotton from the custom-house wharf. There were no public stores in the town; the custom-house was empty. We remained two hours abreast of the town, and were visited by the authorities and others, many of whom professed sentiments of loyalty to the old Union.

Very respectfully, your obedient servant,

A. MURRAY,

Lieutenant Commanding Second Column of Naval Division.

Commander S. C. ROWAN,

Commanding Flotilla, Albemarle Sound.

UNITED STATES STEAMER UNDERWRITER,

Mouth of North river, February 14, 1862.

SIR: On parting company with you at this place yesterday afternoon I proceeded in the Lockwood, Acting Master Graves, accompanied by the Shawsheen and Whitehead, towing a couple of schooners, to the mouth of the Chesapeake and Albemarle canal. I discovered two small steamers and three schooners about a mile and a quarter up the canal, and that the mouth of the canal was obstructed.

A picket, stationed near the mouth, fired their muskets to give the alarm, and a large body of men, whose muskets glittered in the sunshine, got under cover

of the point where the vessels were. I immediately moved up within a couple of hundred yards of the mouth of the canal, until all the vessels grounded, and ordered the Whitehead to open fire with her 9-inch guns. But three shells were fired, when the whole body precipitately fled.

On going on shore I found that a schooner had been sunk about fifty yards within the mouth, supported by piles, logs, &c., forming a complete barrier. I advanced a picket of fifteen men, under the command of Acting Master Graves, followed by the machinists of the Louisiana, with crowbars, mauls, &c. At the distance of half a mile a second row of piles had been driven; they were at work on this when we surprised them. The steamers and schooners had left before we landed; but a fine large dredging machine remained, and this we soon saw sinking. This sunk diagonally across the canal, closing it entirely for the passage of the smallest vessel, being, say, ten feet from one bank, and six from the other. The machinery was entirely destroyed by the working party; the hull above water burned and entirely consumed.

A resident, named Stone, having a store at this point, was interrogated, and stated that the force seen was the remnant of the Wise legion, commanded by Wise in person, and numbering six hundred men. Captain Graves, with a few men, followed their rear guard to the county bridge. This is the thoroughfare between Currituck and the upper counties, and there was a battery of three guns placed to command the canal and main road. The guard had been removed.

In their haste they left the axes used in destroying the dredging machine, some canteens, haversacks, and clothing. In fact, as a contraband deserter from the legion at Elizabeth City told me, "Ever since that fight in western Virginia, in which we lost five hundred men, we have been running all the time, and now they will never stop until they get back to Richmond."

I completed the rebel work by sinking two schooners in the mouth of the canal, and burning all that remained above water. The work completed, I returned to this anchorage. My thanks are due to Acting Master Graves and Assistant Engineer Lay, acting chief of the Louisiana, for the complete manner in which my directions were carried out.

Respectfully submitted.

WILLIAM N. JEFFERS,
Lieutenant Commanding.

Lieutenant Commanding A. MURRAY,
Senior Officer Commanding Expedition.

Commander Rowan's report of the engagement at Winton, North Carolina, on the 19th and 20th February, 1862.

UNITED STATES STEAMER DELAWARE,
Croatan Sound, Roanoke Island, February 22, 1862.

SIR: I left Croatan sound on the afternoon of the 18th on a reconnoissance of the Chowan river. The Hunchback and Barney, having on board the 9th regiment of New York volunteers, (Hawkins's zouaves,) were to follow as soon as possible. The commanders of these vessels were directed to rendezvous off Edenton, there to await my arrival.

I reached Elizabeth City in this ship at 5 o'clock the same evening, and, without anchoring, ordered the force there, consisting of the Louisiana, Perry, Morse, Lockwood, and Whitehead, to weigh and follow me. I stood up the sound, and at midnight found the Barney at anchor. The Hunchback having grounded in the Croatan sound, I anchored for the night to await her arrival.

On the morning of the 19th I moved the force to the head of the sound, and sent Lieutenant Commanding Murray to make a reconnoissance of Plymouth in the Lockwood. The Hunchback came up in the meantime and anchored. I determined to leave the force off the mouth of the Roanoke to await Captain Murray's return, and started in this vessel, accompanied by the Perry, for Winton, for the purpose of communicating with the Union men said to be in arms at that place, leaving orders for Captain Murray to follow me with all the vessels as soon as he returned. Being desirous of reaching Winton at an early hour, I directed Captain Quackenbush to go at full speed. At 4 p. m. on the afternoon of the 19th came in sight of the wharf and houses at the landing at Winton, the town being hid by a high bluff covered with oak trees. Ranging up past the wharf and bluff, where a negro woman stood, apparently to assure us that no danger need be apprehended, we were in the act of letting go the anchor, when suddenly a force consisting of the first battery of North Carolina volunteers and a battery of light artillery, commanded by Lieutenant Colonel W. T. Williams, of the first battery of North Carolina volunteers, opened a terrific fire of musketry and artillery on this vessel. Volley succeeded volley in rapid succession, striking us one hundred and twenty-five times with musketry, but his artillery overshot us. We were too close under the highland to return the fire immediately. Steamed ahead and turned, after some trouble, and opened fire from our shell gun. The Perry, Lieutenant Commanding Flusser, being in position, promptly threw a shrapnell among the forces, which was followed by this ship as soon as Captain Quackenbush could extricate her from her position and turn the ship in the narrow river. I ran down past the enemy, and anchored my force about seven miles below Winton. Colonel Hawkins and I decided to return next morning to Winton. At early daylight on the 20th moved up to Winton, the leading vessels threw a few shrapnell on shore to cover the landing of the troops. In a few moments Colonel Hawkins had possession of the bluff, supported by two of our howitzers. The troops moved back towards the town, and, meeting with no opposition, entered it, and destroyed a quantity of military stores, tents, arms, knapsacks, &c., and the quarters occupied by the troops of the enemy. I made signal "embark troops," which was promptly complied with, and withdrew my force, bringing off a small schooner found at the wharf, and returned to this place, having despatched Lieutenant Commanding Flusser, of the Perry, and the Whitehead to watch Elizabeth City.

The officers and crew of this ship showed their usual coolness on this trying occasion. I beg leave to bring to your notice Mr. Gabaudan, my clerk, acting as aid and signal officer, who was with Captain Quackenbush and myself on the upper deck. He is desirous of an appointment in the marine corps. I beg your kind offices for him. I must not forget to mention the coolness and presence of mind of the pilot, Nasa Williams, who, in one of the most exposed positions in the ship, was true to his trust, and was found at the wheel when Captain Quackenbush went there to give him orders. A sum of money to this poor man would be his best reward.

I have the honor to be, very respectfully, your obedient servant,

S. C. ROWAN,

Com'ng U. S. Naval Flotilla in Pamlico Sound.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

Captain John Marston's report of the Merrimack's attack and the arrival of the Monitor.

UNITED STATES STEAMER ROANOKE,
Hampton Roads, March 9, 1862.

SIR: I have the honor to inform you that yesterday at one o'clock one of the lookout vessels reported, by signals, that the enemy was coming out. I immediately ordered the Minnesota to get under way, and, as soon as the two tugs appointed to tow this ship came alongside, I slipped our cable. The Merrimack was soon discovered passing out by Sewall's Point, standing up towards Newport News, accompanied by several small gunboats. Every exertion was made by us to get all the speed on the Roanoke that the two tugs were capable of giving her; but, in consequence of our bad steerage, we did not get ahead as rapidly as we desired to. The Merrimack went up and immediately attacked the Congress and Cumberland, but particularly the latter ship, which was hid from us by the land. When about seven or eight miles from Fortress Monroe the Minnesota grounded. We continued to stand on, and when we came in sight of the Cumberland we saw that she had careened over, apparently full of water. The enemy, who had been joined by two or three steamers from the James river, now devoted themselves exclusively to the Congress, but she being aground could bring but five guns to bear on them, and at ten minutes before four o'clock we had the mortification of seeing her haul down her flag. I continued to stand on until we found ourselves in three and a half fathoms of water and were on the ground astern. Finding that we could go no further, I ordered one of the tugs to tow us round, and as soon as the Roanoke's head was pointed down the bay and I found she was afloat again, I directed the tugs to go to the assistance of the Minnesota, under the hope that, with the assistance of the two others which had accompanied her, they would be able to get her off, but up to the time that I now write they have not succeeded in doing so. At five o'clock the frigate St. Lawrence, in tow of the Cambridge, passed us, and not long after she also grounded, but by the aid of the Cambridge she was got afloat again, and being unable to render any assistance to the Minnesota, came down the harbor. In passing the batteries at Sewall's Point, both going and returning, the rebels opened fire on us, which was returned from our pivot guns, but the range was too great for them, while the enemy's shot fell far beyond us. One shot went through our foresails, cutting away two of our shrouds, and several shell burst over and near the ship, scattering their fragments on the deck. Between seven and eight o'clock we discovered that the rebels had set fire to the Congress, and she continued to burn till one o'clock, when she blew up. This was a melancholy satisfaction to me, for as she had fallen into the hands of the enemy, it was far better to have her destroyed than she should be employed against us at some future day. It was the impression of some of my officers that the rebels hoisted the French flag, but I could not make it out. At eight o'clock I heard that the Monitor had arrived, and soon after Lieutenant Commanding Worden came on board, and I immediately ordered him to go up to the Minnesota, hoping she would be able to keep off an attack on the Minnesota till we had got her afloat again. This morning the Merrimack renewed the attack on the Minnesota, but she found, no doubt greatly to her surprise, a new opponent in the Monitor. The contest has been going on during most of the day between these two armored vessels, and most beautifully has the little Monitor sustained herself, showing herself capable of great endurance. I have not received any official accounts of the loss of the Congress and Cumberland, but no doubt shall do so, when it will be transmitted to you.

I should do injustice to this military department did I not inform you that every assistance was freely tendered to us, sending five of their tugs to the

relief of the Minnesota, and offering all the aid in their power. I would also beg leave to say that Captain Poor, of the ordnance department, kindly volunteered to do duty temporarily on board this ship, and from whom I have received much assistance. I did hope to get this off by this day's mail, but I have been so constantly employed that I fear I shall not do so.

I am, very respectfully, your obedient servant,

JOHN MARSTON,
Captain and Senior Officer.

Hon. GIDEON WELLES,
Secretary of the Navy.

Captain John Marston states several omissions in former reports.

UNITED STATES STEAMER ROANOKE,
New York, March 17, 1862.

SIR: The constant pressure on my mind for the last few days previous to my leaving Hampton Roads, caused by the multitudinous duties devolving upon me, led me unintentionally to omit reporting several things which it was my duty to have informed you of, which omissions I trust you will, under the circumstances, pardon and overlook.

On Monday the 10th instant, at 2 o'clock a. m., the tug Whitehall, while lying near the landing at Fortress Monroe, caught fire, and was in a few minutes so completely enveloped in flames that her commander, Acting Master Balsier, and crew had only time to escape, saving nothing but the clothes they had on. I had Acting Master Balsier on board and questioned him as to the cause of the catastrophe, but he could form no idea as to its origin, and only knew that it commenced in the fire-room. The destruction of the Whitehall is not a very serious loss to the government, as she was so perfectly rotten as to have rendered her, in my opinion, wholly unworthy of repairs. Acting Master Balsier being entirely destitute of clothing, and his services not specially wanted here at this time, I gave him *permission* to go to his home, as I also did to most of the officers of the Congress and Cumberland, with orders to report from thence to you.

I also omitted to inform you that, at the suggestion of the honorable Assistant Secretary of the Navy, I had the Brandywine towed up for safety to Annapolis by the steamer Mount Vernon, the latter vessel to go to Baltimore and complete her repairs. The Brandywine also would have gone to Baltimore, but she drew too much water. Arrangements were made by me previous to my sailing for towing to Baltimore the gunboat Mystic and the tugs Dragon and Zouave, all of which, it was thought by Mr. Fox, had better be sent immediately away; the execution of this I left with Captain Van Brunt. The coal ships, the hospital ship, and the Braziliera were removed out of range of the guns of the fortress and safely anchored to the eastward of it.

For these omissions on my part I trust you will pardon me, for no one but myself can form an idea of the constant drain there was on my energies.

Very respectfully, your obedient servant,

JOHN MARSTON, *Captain.*

Hon. GIDEON WELLES,
Secretary of the Navy.

Captain Van Brunt's account of the Minnesota's engagement with the Merrimack.

UNITED STATES STEAMER MINNESOTA,

March 10, 1862.

SIR: On Saturday, the 8th instant, at 12.45 p. m., three small steamers, in appearance, were discovered rounding Sewall's Point, and as soon as they came into full broadside view I was convinced that one was the iron-plated steam battery Merrimack, from the large size of her smoke-pipe. They were heading for Newport News, and I, in obedience to a signal from the senior officer present, Captain J. Marston, immediately called all hands, slipped my cables, and got under way for that point to engage her. While rapidly passing Sewall's Point, the rebels there opened fire upon us from a rifle battery, one shot from which going through and crippling my mainmast. I returned the fire with my broadside guns and forecastle pivot. We ran without further difficulty within about one and a half miles of Newport News and there, unfortunately, grounded. The tide was running ebb, and although in the channel there was not sufficient water for this ship, which draws 23 feet, I knew that the bottom was soft and lumpy, and endeavored to force the ship over, but I found it impossible to do so. At this time it was reported to me that the Merrimack had passed the frigate Congress and ran into the sloop-of-war Cumberland, and in fifteen minutes after I saw the latter going down by the head. The Merrimack then hauled off, taking a position, and about 2.30 p. m. engaged the Congress, throwing shot and shell into her with terrific effect, while the shot from the Congress glanced from her iron-plated sloping sides without doing any apparent damage. At 3.30 p. m. the Congress was compelled to haul down her colors. Of the extent of her loss and injury you will be informed from the official report.

At four p. m. the Merrimack, Jamestown, and Patrick Henry bore down upon my vessel. Very fortunately, the iron battery drew too much water to come within a mile of us. She took a position on my starboard bow, but did not fire with accuracy, and only one shot passed through the ship's bow. The other two steamers took their position on my port bow and stern, and their fire did most damage in killing and wounding men, inasmuch as they fired with rifled guns; but with the heavy gun that I could bring to bear upon them, I drove them off, one of them apparently in a crippled condition. I fired upon the Merrimack with my pivot 10-inch gun without apparent effect, and at seven p. m. she too hauled off, and all three vessels steamed toward Norfolk.

The tremendous firing of my broadside guns had crowded me further upon the mud bank, into which the ship seemed to have made for herself a cradle. From 10 p. m., when the tide commenced to run flood, until four a. m. I had all hands at work with steam-tugs and hawsers, endeavoring to haul the ship off the bank, but without avail; and as the tide had then fallen considerably, I suspended further operations at that time. At two a. m. the iron battery Monitor, Commander Jno. L. Worden, which had arrived the previous evening at Hampton Roads, came alongside and reported for duty, and then all on board felt that we had a friend that would stand by us in our hour of trial.

At six a. m. the enemy again appeared, coming down from Craney island, and I beat to quarters, but they ran past my ship and were heading for Fortress Monroe, and the retreat was beaten to allow my men to get something to eat. The Merrimack ran down near to the Rip-Raps, and then turned into the channel through which I had come. Again all hands were called to quarters, and when she approached within a mile of us I opened upon her with my stern guns, and made signal to the Monitor to attack the enemy. She immediately run down in my wake, right within range of the Merrimack, completely covering my ship as far as was possible with her diminutive dimensions, and much to my astonishment laid herself right alongside of the Merrimack, and the con-

trast was that of a pigmy to a giant. Gun after gun was fired by the Monitor, which was returned with whole broadsides from the rebels, with no more effect, apparently, than so many pebble stones thrown by a child. After a while they commenced manœvering, and we could see the little battery point her bow for the rebels, with the intention, as I thought, of sending a shot through her bow port hole; then she would shoot by her, and rake her through the stern. In the meantime the rebels were pouring in broadside after broadside, but almost all her shot flew over the little submerged propeller, and when they struck the bomb-proof tower, the shot glanced off without producing any effect, clearly establishing the fact that wooden vessels cannot contend with iron-clad ones; for never before was anything like it dreamed of by the greatest enthusiast in maritime warfare.

The Merrimack, finding that she could make nothing of the Monitor, turned her attention once more to me. In the morning she had put an 11-inch shot under my counter, near the water line; and now, on her second approach, I opened upon her with all my broadside guns and 10-inch pivot—a broadside which would have blown out of water any timber built ship in the world. She returned my fire with her rifled bow gun, with a shell which passed through the chief engineer's state room, through the engineers' mess room, amidships, and burst in the boatswain's room, tearing four rooms all into one in its passage, and exploding two charges of powder, which set the ship on fire, but it was promptly extinguished by a party headed by my first lieutenant. Her second shell went through the boiler of the tug-boat Dragon, exploding it, and causing some consternation on board my ship for the moment, until the matter was explained. This time I had concentrated upon her an incessant fire from my gun deck, spar deck, and forecastle pivot guns, and was informed by my marine officer, who was stationed on the poop, that at least fifty solid shot struck her on her slanting side without producing any apparent effect. By the time she had fired her third shell the little Monitor had come down upon her, placing herself between us, and compelled her to change her position, in doing which she grounded; and again I poured into her all the guns which could be brought to bear upon her. As soon as she got off she stood down the bay, the little battery chasing her with all speed, when suddenly the Merrimack turned around and run full speed into her antagonist. For a moment I was anxious; but instantly I saw a shot plunge into the iron roof of the Merrimack, which surely must have damaged her. For some time after this the rebels concentrated their whole battery upon the tower and pilot-house of the Monitor, and soon after the latter stood down for Fortress Monroe, and we thought it probable she had exhausted her supply of ammunition, or sustained some injury. Soon after the Merrimack and the two other steamers headed for my ship, and I then felt to the fullest extent my condition. I was hard and immovably aground, and they could take position under my stern and rake me. I had expended most of my solid shot, my ship was badly crippled, and my officers and men were worn out with fatigue, but even in this extreme dilemma I determined never to give up the ship to the rebels, and, after consulting with my officers, I ordered every preparation to be made to destroy the ship after all hope was gone of saving her.

On ascending the poop deck, I observed that the enemy's vessels had changed their course and were heading for Craney island. I then determined to lighten the ship by throwing overboard my eight-inch guns, hoisting out provisions, starting water, &c. At 2 p. m. I proceeded to make another attempt to save the ship by the use of a number of powerful tugs and the steamer S. R. Spaulding, kindly sent to my assistance by Captain Talmadge, quartermaster at Fortress Monroe, and succeeded in dragging her half a mile distant, and then she was immovable, the tide having fallen. At 2 o'clock this morning I succeeded in getting the ship once more afloat, and am now at anchor opposite Fortress Monroe.

It gives me great pleasure to say that during the whole of these trying scenes the officers and men conducted themselves with great courage and coolness. I have the honor to be your very obedient servant,

G. J. VAN BRUNT,

Captain U. S. Navy, commanding Frigate Minnesota.

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES STEAMER MINNESOTA,
March 10, 1862.

SIR: I most respectfully offer the following report of ammunition expended on the 8th and 9th instant:

78 solid shot, 10-inch.	180 shell, 9-inch, 15 seconds.
169 solid shot, 9-inch.	35 shell, 8-inch, 15 seconds.
67 shell, 10-inch, 15 seconds.	5,567½ pounds service powder.

I also wish to report to you that the battery requires refitting, being rendered useless, locks and sights broken, breechings, side tackles, and block straps cut, blocks destroyed, rammers and sponges broken, &c. With what I have on hand I can equip ten 9-inch guns, besides the pivot. The clevises on the pivot-slide have been carried away, and the slide itself requires overhauling. Seven of the guns of the spar deck battery were thrown overboard, also the 12-pounder boat howitzer. A part of the small arms are missing, also belts, cartridge boxes, scabbards, and frogs. All the articles put on board the Whitehall for safe-keeping are destroyed, she having been burnt last night.

Very respectfully, &c.,

CHARLES W. HORNER, *Gunner.*

Captain G. J. VAN BRUNT,
Commanding Frigate Minnesota.

UNITED STATES STEAMER MINNESOTA,
Hampton Roads, Va., March 10, 1862.

SIR: In obedience to your order of this date, I submit the following report of damages sustained by this ship in hull, spars, and boats, in the engagements on the 8th and 9th instant, with the rebel steamers Merrimac, Yorktown, and one other, name unknown:

Port side.—Received one shell on after quarter at the water line, which cut through the planking; one shell between main and mizzen rigging, below air port line, which passed through chief engineer's state-room, crossing and tearing up the deck over the cockpit and striking the clamp and knee in carpenter's state-room, where it exploded, carrying away the beam, clamp, and knee, and completely demolishing the bulkheads, setting fire to the same, and ripping up the deck. One shell passed through hammock netting abaft of main rigging, striking spar deck on starboard side and cutting through four planks, then ricocheting, carrying away truck and axle of gun-carriage and wounding water-ways. Two shells passed through No. 8 port, carrying away planking, timbers, and deck clamps, and splintering several beams and castings. One shell passed through forward part of No. 6 port, carrying away planking, timber, and upper sill. One shell under fore rigging, which cut away sheet cable, penetrating planking timber and splintering deck clamps.

Starboard side.—One shell carried away hammock nettings and gangway boards. There are several wounds on port side, received from fragments of exploded shells. One shell passed through the mainmast, fourteen feet above deck, cutting away one-third of the mast, and bursting some of the iron bands. One shell struck spar deck in starboard gangway, cutting it up. One passed from port to starboard gangway, forward of mainmast, where it exploded, wounding two boats.

Very respectfully,

EB'ZR THOMPSON,
Carpenter United States Navy.

Captain G. J. VAN BRUNT,
Commanding United States Steamer Minnesota.

UNITED STATES STEAMER MINNESOTA,
Hampton Roads, March 10, 1862.

SIR: I have the honor to report that the boatswain's department was injured to the extent enumerated below, while engaged with the rebels on the 8th and 9th instant:

Port side jib guy shot away.
Lower boom topping lifts falls shot away.
Port fore-topsail brace shot away.
Port mizzen-topsail brace shot away.
Port main lift shot away.
Port main topgallant clewline shot away.

Main topmast pendant shot away.
Forward guys of lower booms shot away.
Shrouds in port main rigging shot away.
Fore-topmast staysail halliards shot away.

I am, very respectfully, your obedient servant,

PAUL ATKINSON, *Boatswain.*

Captain G. J. VAN BRUNT,
Commanding United States Steamer Minnesota.

Report of the killed and wounded.

ON THE MINNESOTA.

Killed.—Alexander Winslow, captain of maintop; Henry Smith, coxswain; Dennis Harrington, captain mizen top. Total 3.

Wounded.—John Gunn, quartermaster; Henry Leland, quarter gunner; Atwell Keen, landsman, loss of eye; Ansel Richards, seaman; Samuel W. Hiller, ordinary seaman; Joyce Moore and Eli Parris, colored landmen—all seriously; Charles Dunlap, ordinary seaman; Christopher Sewall, coal-heaver, mortally; Charles Thompson and John Clark, seamen; Jos. Augustus, Seth Bennett and Samuel W. Thomas, musicians; Julius Bartlett, quartermaster, and Patrick Joyce, ordinary seaman, slightly. Total 16.

ON THE ROANOK, (as per report of Surgeon Gilchrist.)

Wounded.—John McDonald, 3d, seriously.

ON THE CUMBERLAND, (as per report of Surgeon Charles D. Martin.)

Wounded. — Butt and John Grady, seamen, John Bart, ordinary seaman, John Fitzpatrick, coal-heaver, and Alexander McFadden, marine, seriously;

Edward Cobb and John Gardner, quartermasters; John Devine, carpenter's mate; — Stuyvesant, master; John McGinn, John Bates, and John B. Cavenaugh, ordinary seamen—slightly. Total, 12.

With the exception of the first, the above are reported as in the military hospital at Fortress Monroe, as well as the following, who were on the sick list previous to the engagement, viz: Joseph Russell, quartermaster; Lochlin Livingston and James Benson, ordinary seamen.

Surgeon Gilchrist, of the Roanoke, reports as wounded on the Cumberland, and now on board the Roanoke, John Stockwell, boatswain's mate, seriously, and T. Wade, first-class boy, not seriously.

ON THE CONGRESS, (as per report of Assistant Surgeon E. D. Payne.)

Wounded.—Surgeon Edward Shippen; William McAbee, boatswain's mate; George Webster and William Chapman, seamen; Emmanuel Denovial, George T. Dean, and Thomas Gannon, ordinary seamen; John Barritts, Edwin G. Pepper, John McCluskey, Alexander Johnson, John Bushlin, (ratings unknown;) Peter Clancy, marine, (wounded in neck and leg;) James Goulding; (wounded in scalp;) Stephen Brinnen and Samuel Furlong, 99th New York volunteers—all seriously; — Rhodes, pilot; Jesse H. Jewett, marine; Thomas Serrin, (rating unknown;) — — —, ship's quartermaster, and Charles Tisman, corporal 99th New York volunteers, (both of whom died in a short time,)—mortally; Charles Trask, Charles Wilson, John Cahill, and James McFaden, seamen; Spencer Fish, William Bangs, Henry Millenbrock, ordinary seamen; David Ferguson, landsman; and Lawrence Furlong, 99th New York volunteers—slightly. Total, 30.

Assistant Surgeon Payne makes the following appended statement: "It is impossible to get at the rate and nativity of many of those who died after leaving the ship. The wounded were all sent ashore before the ship was abandoned. Instruments, books, records, &c., of the department were all lost."

ON THE WHITEHALL.

Killed.—Andrew Nesbit, third assistant engineer, and Charles O'Conner, boy, instantly; Robert Waugh, seaman, mortally wounded, and died in a few hours.

Wounded.— — — —, assistant engineer, slightly, in the face: returned to duty.

ON THE DRAGON.

Wounded.—William Watson, master commanding; Benjamin S. Hungerford, quartermaster; and Charles J. Frieze, seaman—severely; Joseph McDonald, fireman, seriously.

* * * * *

Surgeon E. Gilchrist reports, as on board the Roanoke, and belonging to the Congress, Robert Rogers, ordinary seaman, wounded, not seriously.

Captain Purviance's report of the Merrimack's attack.

UNITED STATES FRIGATE ST. LAWRENCE,
Hampton Roads, March 10, 1862.

SIR: I have the honor to report the arrival of this ship on the 6th instant, in Lynnhaven bay, from New York. After anchoring, a strong gale from the northwest commenced, and continued through the night and following day. On

Saturday the wind abated, and, while waiting for wind and tide, the United States gunboat Cambridge came alongside and reported that the rebel steam-ram Merrimack, and some side-wheel steamers were engaging the frigates Congress and Cumberland at Newport News. At half-past 2, we got under way in tow of the Cambridge, and when abreast of the rebel battery at Sewell's Point, the battery opened fire, one of the shells exploding under the forepart of the St. Lawrence, doing, however, no material injury. The fire was returned, and, it is believed, with some effect. The Cumberland had, at this time, gone down, having been run into by the Merrimack, and the Congress had surrendered, after a terrible slaughter of her men, and when rendered perfectly powerless by the fire of the rebels. The Minnesota was aground, and was engaging the enemy, whose force consisted of the rebel steam-ram and four or five side-wheel gunboats. When near the Minnesota, the St. Lawrence grounded, and at that time opened fire, but her shot did no execution, the armor of the Merrimack proving invulnerable to her comparatively feeble projectiles. Taking advantage of these portentous circumstances, the Merrimack directed her attention to firing several projectiles of formidable dimensions; one of which, an 80-pound shell, penetrated the star-board quarter about four inches above the water-line, passed through the pantry of the ward-room, and into the state-room of the assistant surgeon, on the port side, completely demolishing the bulkhead; then struck against a strong iron bar, which secured the bull's-eye of the port, and returned into the ward-room expended. It fortunately did not explode, and no person was injured. The damage done by this one shot proved the power of the projectiles which she employed, and readily explained the destruction of our wooden and antiquated frigates.

Our position at this time was one of some anxiety. Being aground, the tug Young America came alongside and got us off; after which a powerful broadside from the spar and gun decks of the St. Lawrence, then distant about half a mile, thrown into the Merrimack, induced her to withdraw; whether from necessity or discretion is not known: certainly no serious damage could have been done. After which we proceeded slowly to the anchorage, which we reached about — p. m.

The Merrimack again appeared the following morning, and sustained, for several hours, the consolidated fire of the Minnesota and Monitor, abandoning the conflict finally, but apparently unharmed. The Minnesota remained aground during the night, was supplied with additional ammunition, and in the morning, when attacked by the Merrimack, fought her guns with an energy, skill, and indomitable perseverance worthy of the noble and patriotic cause she was defending. Unable to move, she was forced to present her full broadside to the enemy, who remained at long range, offering the smallest possible surface to her antagonist. The Monitor, whose performance more than equalled the highest expectations, contributed most powerfully to the withdrawal of the Merrimack; and her earlier arrival would have prevented the unfortunate loss of our two defenceless frigates. All the officers and crew zealously and efficiently performed their duties.

Very respectfully, your obedient servant,

H. Y. PURVIANCE, *Captain.*

Hon. GIDEON WELLES,

Secretary of the Navy.

Com'r Radford's report of the loss of the Cumberland, with list of those saved.

FORTRESS MONROE, VA., *March 10, 1862.*

SIR: It is my painful duty to have to report the loss of the United States ship Cumberland, under my command, on the 8th instant, at Newport News, Virginia. I was on board the United States screw steam-frigate Roanoke, by order of the Hon. Secretary of the Navy, as member of a court of inquiry, when the Merrimack came out from Norfolk. I immediately procured a horse and proceeded, with all despatch, to Newport News, where I arrived only in time to see the Cumberland sunk by being run into by the rebel iron-clad steamer Merrimack. Though I could not reach the Cumberland before the action was over, I have the satisfaction of reporting that she was fought as long as her guns were above water. Every one on board must have done his duty nobly.

I send with this the report of Lieutenant George U. Morris of the action, he being, in my absence, the commanding officer; and also the surgeon's report of the wounded saved. The loss was very large in killed, wounded, and drowned; though the number cannot be ascertained, enough is known to make the loss over one hundred. I send, also, a list of the men known to have been saved; but have no accurate means of giving the names of those lost or killed, as no officer or man brought anything on shore save what he stood in; consequently I have no muster-roll of the crew.

Very respectfully, your obedient servant,

WM. RADFORD, *Commander.*

HON. GIDEON WELLES,

Secretary of the Navy.

NEWPORT NEWS, *March 9, 1862.*

SIR: Yesterday morning at 9 a. m. discovered two steamers at anchor off Smithfield Point, on the left hand, or western, side of the river, distant about twelve miles. At 12 m. discovered three vessels, under steam, standing down the Elizabeth river toward Sewell's Point. Beat to quarters, double-breeched the guns on the main deck, and cleared ship for action. At 1 p. m. the enemy hove in sight, gradually nearing us—the iron-clad steamer Merrimack, accompanied by two steam gunboats; they passed ahead of the Congress frigate and stood down toward us. We opened fire on her; but she stood on and struck us under the starboard fore-channels, delivering her fire at the same time. The destruction was great. We returned the fire, with solid shot, with alacrity. At 3.30 the water had gained on us, notwithstanding the pumps were kept actively employed, to such a degree that, the forward magazine being drowned, we had to take powder from the after magazine for the ten-inch gun. At 3.35 the water had risen to the main hatchway, and the ship canted to port, and we delivered a parting fire, each man trying to save himself by jumping overboard. Timely notice was given, and all the wounded who could walk were ordered out of the cockpit; but those of the wounded who had been carried into the sick-bay and on the berthdeck were so mangled that it was impossible to save them. It is impossible for me to individualize, alike, officers or men; all behaved in the most gallant manner. Lieutenant Selfridge and Master Stuyvesant were in command of the gun-deck divisions, and they did all that noble and gallant officers could do. Acting Masters Randall and Kennison, who had charge each of a pivot gun, showed the most perfect coolness, and did all they could to save our noble ship; but, I am sorry to say, without avail. Among the last to leave the ship were Surgeon Martin and Assistant Surgeon Kershner, who did all they could

for the wounded promptly and faithfully. The warrant and steerage officers could not have been more prompt and active than they were at their different stations. The loss we sustained I cannot yet inform you of, but it has been very great. Chaplain Lenhart is missing; Master's Mate John Harrington was killed. I should judge that we had lost upwards of one hundred men. I can only say, in conclusion, that all did their duty, and we sank with the American flag at the peak.

I am, sir, very respectfully, &c.,

GEO. U. MORRIS,
Lieutenant and Executive Officer.

Commander WM. RADFORD,
Commanding U. S. Ship Cumberland.

WASHINGTON, D. C., April 12, 1862.

SIR: Owing to the hurried manner in which my official report to Captain Radford was made, I omitted to mention to you the gallant conduct of Lieutenant Charles Haywood, United States marine corps, whose bravery upon the occasion of the fight with the Merrimack won my highest applause. May I respectfully ask that this be appended to my former report.

Very respectfully, your obedient servant,

GEO. U. MORRIS,
Lieutenant, United States Navy.

Hon. GIDEON WELLES,
Secretary of the Navy.

List of officers and men saved from the Cumberland.

Name and rank.	Name and rank.
William Radford.....commander.....	Thomas Taylor.....gunner's mate ..
George U. Morris.....lieutenant.....	Wm. Pendergrast.....ship's corporal ..
Thomas O. Selfridge.....do.....	John Gardner, W.....quartermaster ..
M. S. Stuyvesant, W.....master.....	Joseph Russell, S.....do.....
Wm. P. Randall.....acting master.....	John Farrell.....do.....
Wm. W. Kennison.....do.....	John Harrington.....do.....
Chas. Hayward.....lieut. marines.....	Arthur Woods.....coxswain.....
Lewis Smith.....pilot.....	James Briscoe.....do.....
Chas. Martin.....surgeon.....	William Lewis.....do.....
Edward Kershner.....assistant surgeon.....	William Reed.....captain top.....
Edward B. Bell.....boatswain.....	Henry Campbell.....do.....
Eugene Mack.....gunner.....	James Robertson.....do.....
Wm. M. Leighton.....carpenter.....	Wm. Trott.....do.....
David Bruce.....sailmaker.....	Thos. Graham.....captain forecastle.....
Henry Wyman.....master's mate.....	John Housel.....capt. afterguard ..
E. V. Tyson.....do.....	Abram Scott.....do.....
Chas. O'Neil.....do.....	Robert Chase.....captain hold.....
Hugh Nott.....paymaster's clerk.....	John Stark.....cooper.....
John L. Lenhart, drowned...chaplain.....	Wm. H. Rider.....ship's steward.....
John M. Harrington, killed, master's mate.....	Samuel Thomas.....officers' cook.....
Chas. Bishop.....yeoman.....	Wm. Romley.....seaman.....
John T. Kennard.....armorer.....	Francis Garland.....do.....
John Devine.....captain's mate.....	William Mack.....do.....
Jeremiah D. Lamprey.....boatswain's mate.....	Edward Slattery.....do.....
John Stockwell.....do.....	Chas Forrest.....do.....

List of officers and men saved from the Cumberland—Continued.

Name and rank.	Name and rank.
Geo. W. Chase seaman	John O'Connel landsman
James McLellan do	Peter Sullivan do
William Fronk do	John Murray do
John Hore do	Edward Lyons do
Matthew Tierney do	David F. Hurley do
John Roedon do	Edward Donlon do
Nathaniel McGowan do	John F. Edgerly do
Ace Masher do	Wm. Burk do
Chas. Haunstien do	Wm. Coleman do
Henry Jarmin do	John Whitter do
Wm. Sullivan do	Martin F. Backer do
Wm. Ramsay do	Caleb Meller do
Chas. Carney do	John Meller do
John Davis do	Corn's Harrington do
James Wilson do	Jeremiah Butler do
John Leonard do	Michael Steefles do
Caleb S. Hudson do	James Lewis do
Geo. Burns do	Geo. W. Butt do
Richard Kelly do	Thos. Moore 1st class boy
Chas. Roux do	Wm. B. Dailey do
James Douglass do	Daniel Collins do
John Grady do	Wm. S. Stebbins 2d-class boy
John Rice ordinary seaman	Terence Wade do
John Morris do	Joshua Whitehurst 3d-class boy
Oscar Bailey do	James H. Ross do
Michael Flarety do	Thos. Sutton do
John Brown, 1st do	Edward A. Cambridge do
James Brown, 2d do	Walter S. Gray do
Chas. Williams do	John Caucannon not specified
John McGlinn, W. do	Timothy Quinlen do
John Collins, 2d do	Thos. Davis do
Wm. H. Horton do	Barney Lynch do
James Benson, S. do	Wm. H. Hogan do
Lauchlin Livingston, S. do	Michael Coyne do
John Bates, W. do	Patrick Langdon do
Nash Sullivan do	Michael Graney do
John Brown, 2d do	Jno. B. Cavanaugh, W do
Daniel S. Mellakin do	Michael Rosmessen do
Oliver O'Brien do	Wm. Poole do
Francis Corzen do	Thos. Fitzgerald do
Stephen M. Olney do	Benj. S. Reed do
Patrick Meade do	Michael Donegan do
John Fay do	John Creese do
Brenton B. Cook do	Chas. Doyle do
Isaac Bennum do	Sylvester D. Taylor do
James Green do	James Corscader do
Patrick McNamara do	James Slowey do
James Welsh do	Alex. Buchanan do
Marcus M. Hayes do	Alex. Cafrey do
Thomas Gillen do	Michael Sullivan do
James McCracken do	Geo. Roberts do
Andrew Garry do	Jno. Pimentell do
Edward S. Gardner do	Wm. Elwell do
Jeremiah De Laney do	Patrick Laughlin do
Geo. Rankin do	Chris'r M. Nicholson do
Roger Morrissey do	Wm. A. Murray do
Murty Harrington do	Jos. Connason do
John Callahan do	Wm. Anderson do
John Burt do	Andrew Sullivan do

List of officers and men saved from the Cumberland—Continued.

Name and rank.	Name and rank.
Wm. Carroll, 1st.....not specified.....	Daniel I. Lynch.....not specified.....
Jas. H. Carroll.....do.....	John Doyle.....do.....
Wm. Carroll, 2d.....do.....	Thomas Tracy.....do.....
Edward Seares.....do.....	Henry Thomas.....do.....
Richard Seton.....do.....	James Caswell.....do.....
Owen M. Jones.....do.....	Archibald Wilson.....do.....
Dennis McCarthy.....do.....	Henry Brown.....do.....
John H. Flynn.....do.....	Hiram Gage.....do.....
Michael Walsh.....do.....	David M. Coleman.....do.....
Frederick Baker.....do.....	James Burns.....do.....
Robert Miller.....do.....	John Larkin.....do.....
Thomas Malon.....do.....	James Marlow.....do.....
Michael Connally.....do.....	George Dennis.....do.....
John Cartin.....do.....	Jeremiah Mahoney.....do.....
Thos. Comberton.....do.....	Michael Clohasey.....do.....
Edward Flynn.....do.....	John Carr.....do.....
James McLaughlin.....do.....	Chas. N. Stevens.....do.....
Cornelius Fitzemmons.....do.....	Michael Moriarty.....do.....
Edward Cobb, W.....do.....	Nicholas Johnson.....do.....
James Egan.....do.....	John Myhan.....do.....
Simon White.....do.....	Bartholemow Fleming.....do.....
John McCarthy.....do.....	Cornelius Sullivan.....do.....
Geo. Roach.....do.....	Jerome Mason.....do.....
Richard Tobin.....do.....	Jas. F. Hathaway.....do.....
Lyman F. Dodge.....do.....	George Senter.....do.....
Daniel O'Neil.....do.....	George W. Macomber.....do.....
Chas. F. Knight.....do.....	Jos. G. Smith.....do.....
Edward Burns.....do.....	Frederick Henderson.....do.....
John Connel.....do.....	George O. Hall.....do.....
Wm. F. Wiley.....do.....	Thos. S. Peterson.....do.....
Isaac Fortune.....do.....	Dennis Kelly.....do.....
James McIntosh.....do.....	

MARINES.

Sweeney.....sergeant.....	Deady.....private.....
Brown.....do.....	Lanning.....do.....
Callahan.....do.....	Goetz.....do.....
Harris.....corporal.....	Daley.....do.....
Stevenson.....do.....	Howard.....do.....
Craig.....do.....	Murley.....do.....
Joshlyn.....drummer.....	Learey.....do.....
Baxter.....fifer.....	McCarthy.....do.....
Lyons.....private.....	Small.....do.....
Martin.....do.....	Wilkes.....do.....
Bunker, 2d.....do.....	O'Connor.....do.....
McFadden, W.....do.....	

Officers and men when the action commenced.....	376
Officers and men when the action was over.....	255
Killed, drowned, and missing.....	121

This is a large number, and I am in hopes more men will be found.

WM. RADFORD, *Commander.*

Report of Lieutenant Pendergrast, of the Congress, with casualties on that vessel.

UNITED STATES STEAM-FRIGATE ROANOKE,
Hampton Roads, March 11, 1862.

SIR: I have the honor to enclose the official report of Lieutenant Austin Pendergrast, of the Congress, addressed to me.

Very respectfully, &c.,

JOHN MARSTON,
Captain and Senior Officer.

Hon. GIDEON WELLES,
Secretary of the Navy.

FORTRESS MONROE, *Virginia, March 9, 1862.*

SIR: Owing to the death of my late commanding officer, Lieutenant Joseph B. Smith, it is my painful duty to make a report to you of the part which the United States frigate Congress took in the efforts of our vessels at Newport News to repel the attack of the rebel flotilla on the 8th instant. The following are the minutes, as near as I can inform you:

At 12.40 p. m. the Merrimack, with three small gunboats, was seen steaming down from Norfolk. When they had turned into the James river channel, and had approached near enough to discover their character, we cleared the ship for action.

At 2.10 the Merrimack opened fire with her bow gun, with grape, passing us on the starboard side, at a distance of about three hundred yards, receiving our broadside and giving one in return. After passing the Congress, she ran into and sank the United States sloop-of-war Cumberland. The smaller vessels then attacked us, killing and wounding many of our crew. Seeing the fate of the Cumberland, we set the jib and topsails, and with the assistance of the tug-boat Zouave ran the vessel ashore.

At 3.30 the Merrimack took a position astern of us, at a distance of about one hundred and fifty yards, and raked us fore and aft with shells, while one of the smaller steamers kept up a fire on our starboard quarter. In the meantime the Patrick Henry and Thomas Jefferson, rebel steamers, approached us from up the James river, firing with precision and doing us great damage. Our two stern guns were now our only means of defence. These were soon disabled, one being dismounted and the other having its muzzle knocked away. The men were swept away from them with great rapidity and slaughter by the terrible fire of the enemy.

At about 4.30 p. m. I learned of the death of Lieutenant Smith, which happened about ten minutes previous. Seeing that our men were being killed, without the prospect of any relief from the Minnesota, which vessel had run ashore in attempting to get up to us from Hampton roads, not being able to bring a single gun to bear upon the enemy, and the ship being on fire in several places, upon consultation with Commander Wm. Smith, we deemed it proper to haul down our colors without any further loss of life on our part. We were soon boarded by an officer from the Merrimack, who said that he would take charge of the ship. He left shortly afterwards, and a small tug came alongside, whose captain demanded that we should surrender and get out of the ship, as he intended to burn her immediately. A sharp fire with muskets and artillery was maintained from our troops ashore upon the tug, having the effect to drive her off. The Merrimack again opened upon us, although we had a white flag at the

peak to show that we were out of action. After having fired several shells into us, she left us and engaged the Minnesota and the shore batteries. We took the opportunity to man the boats and send the wounded ashore. We then left ourselves, the ship being on fire near the after magazine, and in the sick-bay. In fact, the ship was on fire from the commencement to the end of the action, three times in the sick-bay and ward-room, and twice in the main hold, produced by hot shot thrown from the Merrimack.

I lament to record the death of the following officers: Lieutenant Joseph B. Smith, Acting Master Thomas Moore, and Pilot Wm. Rhodes, wounded, and since dead. In conclusion, I beg leave to say, that the officers, seamen, and marines performed their *whole* duty well and courageously.

I am, very respectfully, &c.,

AUSTIN PENDERGRAST,
Lieutenant, United States Navy.

P. S.—I will send in a list of the casualties and missing as soon as I can ascertain them.

Very respectfully,

A. PENDERGRAST.

Captain JNO. MARSTON,
Senior Officer.

PHILADELPHIA, *Pennsylvania*, March 19, 1862.

SIR: I very respectfully submit the following report of the casualties that occurred on board the United States frigate Congress in the action of the 8th instant, at Newport News:

Total number of officers and men on board	434
Total number of officers and men accounted for.....	298
Total number of killed, wounded, and missing	136
Total number of wounded taken on shore.....	26
Total number of killed and missing	110
Total number of wounded since dead	10
Total number of killed, missing, and died on shore.....	120

I regret exceedingly to record the death of Master's Mate Peter Hargous.* He was a good, brave, and promising young officer, and is universally regretted.

I have the honor to be, &c.,

AUSTIN PENDERGRAST,
Lieutenant, United States Navy.

Hon. GIDEON WELLES,
Secretary of the Navy.

* Subsequently ascertained to have been taken prisoner.

Report of Lieutenant S. D. Greene, executive officer of the Monitor.

UNITED STATES IRON-CLAD STEAMER MONITOR,
Hampton Roads, March 12, 1862.

SIR: Lieutenant Commanding John L. Worden having been disabled in the action of the 9th instant between this vessel and the rebel iron-clad frigate Merrimack, I submit to you the following report:

We arrived at Hampton roads at 9 p. m. on the 8th instant, and immediately received orders from Captain Marston to proceed to Newport News and protect the Minnesota from the attack of the Merrimack. Acting Master Howard came on board and volunteered to act as pilot. We left Hampton roads at 10 p. m., and reached the Minnesota at 11.30 p. m. The Minnesota being aground, Captain Worden sent me on board of her to inquire if we could render her any assistance, and to state to Captain Van Brunt that we should do all in our power to protect her from the attack of the Merrimack. I then returned to this vessel, and at 1 a. m. on the 9th instant anchored near the Minnesota. At 4 a. m., supposing the Minnesota to be afloat and coming down upon us, got under way and stood out of the channel. Finding that we were mistaken, anchored again at 5.30 a. m.

At 8 a. m. perceived the Merrimack under way, and standing towards the Minnesota; have up anchor and went to quarters. At 8.45 we opened fire on the Merrimack, and continued the action until 11.30 a. m., when Captain Worden was injured in the eyes by the explosion of a shell from the Merrimack upon the outside of the eye-hole in the pilot-house, exactly opposite his eye. Captain Worden then sent for me and told me to take charge of the vessel. We continued the action until 12.15 p. m., when the Merrimack retreated to Sewell's Point, and we went to the Minnesota, and remained by her until she was afloat.

I am, sir, very respectfully, &c.,

S. D. GREENE,
Lieutenant and Executive Officer.

HON. GIDEON WELLES,
Secretary of the Navy.

Report of Acting Assistant Surgeon Logue, of the Monitor, of casualties on that vessel.

UNITED STATES STEAMER MONITOR,
Off Fortress Monroe, March 11, 1862.

SIR: I have the honor to report to your department the casualties that occurred on board during the action with the rebel steamer Merrimack on Sunday, March 9. The engagement began at 8.30 a. m., but no injury was experienced by either officers or crew until 10 o'clock. At this hour precisely Mr. Stodder, first master, (volunteer,) was disabled by concussion of the brain while engaged on the lookout in the turret. Insensibility remained for about ten minutes, but the reaction following did not run high enough to require active treatment. Mr. Stodder's injury resulted from his knee coming in contact with the turret at the instant a heavy shot from the Merrimack struck it. About ten minutes later Peter Trescott, seaman, was sent down from the turret suffering also from concussion of the brain. This injury did not result in total insensibility, but the circulation remaining depressed for some time, I administered stimulants in small quantities, watching carefully for reaction, and when it was established, controlled it successfully by cold affusion to the head. These were the only accidents that occurred until a percussion shell, near the close of the action, exploded against the lookout chink of the pilot-house, and resulted in severe injury to the eyes of Lieutenant Commanding John L. Worden, who was stationed there

during the engagement. I made an examination, and succeeded in removing from the corneal conjunction some minute scales of iron and a small quantity of paint, forced by the exploding shell from the bars composing the pilot-house. He was injured also in a small degree from concussion, but this complication required no treatment. My further treatment of Captain Worden consisted entirely in making cold applications to his eyes, which was continued until, at the solicitations of his friends, Assistant Secretary of the Navy Fox and Lieutenant Wise, United States navy, he was removed from the Monitor to be taken to Washington. I am pleased to report that on the morning following the engagement, the injured parties remaining on board were ready and reported for duty.

I have the honor to be, &c.,

DANIEL C. LOGUE,
Acting Assistant Surgeon.

Hon. GIDEON WELLES,
Secretary of the Navy.

Lieutenant Commanding Jeffers, of the Monitor, to Flag-Officer Goldsborough.

UNITED STATES CASED BATTERY MONITOR,
Hampton Roads, March 16, 1862.

SIR: In answer to your inquiry, I have to report that the Monitor expended 41 solid cast-iron shot in her engagement with the Merrimack, equally divided between guns 27 and 28. On inspection of the bore with a mirror, no trace of injury can be observed. I have no means of examining the vent by taking an impression.

Unless absolutely necessary, I shall fire no more cast-iron solid shot, as I am satisfied that shells are not more liable to fracture. The bronze-coated shot I shall reserve for special occasion. The wrought-iron shot I shall send on shore to remove the temptation to fire them. I am satisfied that the Merrimack cannot seriously injure the Monitor, but the explosion of a gun might destroy the turret.

I have the honor to be, &c.,

WM. N. JEFFERS,
Lieutenant Commanding.

Flag-Officer L. M. GOLDSBOROUGH,
Commanding North Atlantic Blockading Squadron.

Flag-Officer L. M. Goldsborough forwards report of capture of rebel batteries on the Neuse river and the occupation of Newbern, North Carolina, on March 15, 1862.

UNITED STATES FLAG-SHIP MINNESOTA,
March 17, 1862—8½ p. m.

I have the honor to forward the following highly important and interesting despatch to the honorable Secretary of the Navy by Commander Hazard. I received it a few minutes since, and lose not a moment in sending it to Baltimore by the steamer Commodore, which brought it to me from Hatteras inlet, in order that it may reach Washington early to-morrow forenoon.

Most respectfully, your very obedient servant,

L. M. GOLDSBOROUGH,
Flag-Officer.

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES FLAG-STEAMER PHILADELPHIA,
Off Newbern, N. C., March 16, 1862.

SIR: I have the honor to report the capture of all the rebel batteries upon the Neuse river, the complete defeat and rout of the enemy's forces in this vicinity, and the occupation of the city of Newbern by the combined forces of the army and navy of the United States, on yesterday (Friday) at noon. The incidents of the expedition, briefly stated, are these:

The fleet under my command, and that of the army, left Hatteras inlet at 7.30 on Wednesday morning, the 12th instant, and arrived, without accident or delay, at the point which had been selected for disembarking the troops, and within sight of the city of Newbern, at sunset on the evening of the same day, where we anchored for the night.

On Thursday morning I hoisted my pennant on board the steamer Delaware. At 8.30 a. m. our gunboats commenced shelling the woods in the vicinity of the proposed place of landing, taking stations at intervals along the shore to protect the advance of the troops. At 9.30 a. m. the troops commenced landing, and at the same time six naval boat howitzers, with their crews, under command of Lieutenant R. S. McCook, of the Stars and Stripes, were put on shore to assist the attack. The army commenced to move up the beach at about 11.30 a. m., the debarkation of troops still continuing. In the mean time our vessels were slowly moving up, throwing shell in the woods beyond.

At 4.15 p. m. the first of the enemy's batteries opened fire on the foremost of our gunboats, which was returned by them at long range. The troops were now all disembarked and steadily advancing without resistance. At sundown the firing was discontinued, and the fleet came to anchor in position to cover the troops on shore. At 6.30 a. m. Friday, the 14th instant, we heard a continuous firing of heavy guns and musketry inland, and immediately commenced throwing our shells in advance of the position supposed to be held by our troops.

The fleet steadily moved up and gradually closed in towards the batteries. The lower fortifications were discovered to have been abandoned by the enemy. A boat was despatched to it and the stars and stripes planted on the ramparts. As we advanced the upper batteries opened fire upon us. The fire was returned with effect, the magazine of one exploding. Having proceeded in an extended line as far as the obstructions in the river would permit, the signal was made to follow the movements of the flag-ship, and the whole fleet advanced in order, concentrating our fire on Fort Thompson, mounting thirteen guns, on which rested the enemy's land defences. The army having, with great gallantry, driven them out of these defences, the forts were abandoned.

Several of our vessels were slightly injured in passing the barricades of piles and torpedoes which had been placed in the river. The upper battery having been evacuated on the appearance of the combined forces, it was abandoned and subsequently blew up. We now steamed rapidly up to the city. The enemy had fled, and the place remained in our possession. Upon our approach several points of the city were fired by the enemy, where stores had been accumulated. Two small batteries, constructed of cotton bales and mounting two guns each, were also fired by them. Two small steamers were captured, another having been burned.

A large raft, composed of barrels of pitch and bales of cotton, which had been prepared to send down upon the fleet, was fired, and, floating against the railroad bridge, set it on fire and destroyed it. In addition to the prizes, a quantity of cotton, pitch, tar, a gunboat, and another vessel on the stocks, several schooners afloat, and an immense quantity of arms and munitions of war fell into our hands. At about 4 p. m. I sent several of our vessels to the right

bank of the Trent river to carry General Foster's brigade to occupy the city of Newbern.

I am, respectfully, &c.,

S. C. ROWAN,

Commanding U. S. Naval Forces in Pamlico Sound.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron,

Hampton Roads, Virginia.

Detailed report of attack upon Newbern, North Carolina, by Commander S. C. Rowan.

UNITED STATES STEAMER PHILADELPHIA,
Off Newbern, North Carolina, March 20, 1862.

SIR: I beg leave to submit the following detailed report of the attack upon Newbern and its approaches:

I left Hatteras inlet on Wednesday, March 12, at 7.30 a. m., with the following naval force under my command: Philadelphia, my flag-ship, Acting Master S. Reynolds commanding; Stars and Stripes, Lieutenant Commanding R. Werden; Louisiana, Lieutenant Commanding A. Murray; Hetzel, Lieutenant Commanding H. K. Davenport; Delaware, Lieutenant Commanding L. P. Quackenbush; Commodore Perry, Lieutenant Commanding C. W. Flusser; Valley City, Lieutenant Commanding J. C. Chaplin; Underwriter, Lieutenant Commanding A. Hopkins; Commodore Barney, Acting Lieutenant Commanding R. T. Renshaw; Hunchback, Acting Lieutenant Commanding E. R. Colhoun; Southfield, Acting Volunteer Lieutenant Commanding C. F. W. Behm; Morse, Acting Master Commanding Peter Hayes; Brincker, Acting Master Commanding J. E. Giddings; and Lockwood, Acting Master Commanding G. W. Graves. By 8 a. m. the naval fleet, together with the army transports, were steaming rapidly up the sound.

At 1 p. m. we made Brant island, distant about twelve miles. At 2.10 p. m. the advance divisions of the gunboats having entered the mouth of Neuse river, and being some miles in advance of the flag-ship, I made signal to stop, that the fleet might be concentrated. At this time General Burnside came alongside the flag-ship, and requested that one of our gunboats might be sent to the mouth of Pamlico river, intelligence having been received that two steamers were in that river. To guard against the possibility of an attempt by the enemy to cut off any of our transport vessels which might remain unprotected in the rear of the fleet, I despatched the Lockwood to lay off the mouth of that river during the night.

At 3.40 p. m., having come up with the advance, signal was made to "form line ahead," and the fleet again moved on, having now fairly entered Neuse river. At 5 p. m., the gunboats being now far in advance of the army transports and in sight of the obstructions placed by the enemy in the river opposite to their batteries, a small steamer was discovered about six miles ahead, apparently reconnoitring. The Delaware was despatched in pursuit. Failing to overtake the chase, but having driven her under the guns of the batteries, she returned. At 6.10 p. m. the naval fleet came to anchor in three columns off Slocum's creek, the point decided upon for the debarkation of troops, and about fifteen miles distant from Newbern. Early the following morning (13th) I hoisted my pennant on board the Delaware. The Stars and Stripes and Louisiana were placed on the west side of the creek, and the Hetzel and Valley City on the east. At about 8 a. m. the troops started from the transports, and at the same time the gunboats, sta-

tioned as above, opened with grape and shell on the point selected for landing, the fire ceasing as the first brigade landed. At 9 a. m., six naval boat howitzers, commanded, respectively, by Acting Master C. H. Daniels, United States steamer Hetzel; Mr. E. P. Meeker, United States steamer Philadelphia; Acting Master J. B. Hammond, United States steamer Hetzel; Mr. E. C. Gabandan, United States steamer Delaware; Lieutenant Tillotson, Union Coast Guard, and Lieutenant J. W. B. Hughes, Union Coast Guard—all under the command of Lieutenant R. S. McCook, of the Stars and Stripes—were landed to assist in the attack.

The Perry was moved up opposite the position of the battery in the interior near the railroad, with directions to open fire and unmask it. The Southfield was ordered to follow and take a position near the Perry. The Underwriter was soon directed to join them and use her rifle gun only. The Morse was stationed a mile below these vessels, and the Commodore Perry and Hunckback below the Morse.

As soon as the last brigade was embarked for landing I went up the river with the Delaware to make a reconnoissance of Fort Dixie. As I approached, the battery opened fire, which was returned, and the Perry coming up, a spirited and very effective fire was kept up by that vessel until dark, I having returned, at the request of General Burnside, to communicate with him.

Having despatched the Delaware on special service, I returned to the Southfield, after having communicated with the general, and proceeded in that vessel to the Perry, which vessel was ordered to cease firing, as the night had set in with a heavy fog. The Southfield and Lockwood were anchored two miles below Fort Dixie, and, as near as I could judge, abreast of the advanced position of our forces, the Delaware joining me during the night.

At daylight on the morning of the 14th the report of a gun, supposed to be a field-piece, was heard. The Delaware, Hunckback, and Lockwood were immediately ordered to get under way. The fog being too dense to signalize, the Lockwood was directed to trace the land down and order up the vessels that had been stationed along the shore from our position to the point of debarkation. The Delaware and Southfield were ordered to move up and open fire on Fort Dixie. They were soon joined by the heavy ships from below, followed by the more distant vessels that had been guarding Slocum's creek. Receiving no response from Fort Dixie, a boat was sent ashore, and the American flag raised on the ramparts. I then passed on up and opened fire on Fort Ellis, which was returned until the fort blew up. At this time our troops were pressing on the enemy's intrenchments in the rear of Fort Thompson. I made signal "Advance in line abreast," closed up toward the barriers, and opened fire on Fort Thompson and in direction of the sound of the enemy's fire in the interior. At this juncture an officer from General Burnside came down to the beach and informed me that our shells were falling to the left and near our own troops. Changed direction and continued to fire, and advanced closed to the barriers.

Fort Thompson having ceased to return our fire, I made signal "Follow my motions," and advanced through the first row of obstructions in "line ahead." As we passed the obstructions our troops appeared on the ramparts of the fort, waving the American flag. We threw a few shells into Fort Lane, but receiving no response, ordered the Valley City to raise the American flag on the remaining forts, and passed rapidly up the river in "line ahead." As we passed up, and on opening Trent river, two batteries were discovered, mounting two guns each, on the wharves in front of the city; both, however, were deserted. Passed up the Neuse river, and opened fire from the Delaware on some steamboats that were attempting to escape up the river, one of them having in tow a schooner loaded with commissary stores. One of the steamers was run in shore and burned; the other two, together with the schooner, were captured.

At about 12 m. I ran the Delaware alongside the wharf, and informed the in

habitants that we intended no injury to the town. At this time fires broke out in several portions of the city, it apparently being the intention on the part of the enemy to destroy it. Fire was also communicated to a floating raft in Trent river filled with bales of cotton saturated with turpentine, which had been prepared to send down to the fleet. This drifting against the railroad bridge, set fire to and burned it.

The Louisiana and Barney were sent to the Trent side of the town in order to secure any public property that might be found there. Several hundred stand of arms and other munitions of war, and a large amount of naval stores, together with a large three-masted schooner, fell into our hands. At 2 p. m., our victorious troops appearing on the opposite side of the Trent, the work of transportation commenced, and at sundown the army was in full occupancy of the city.

The obstructions in the river were very formidable, and had evidently been prepared with great care. The lower barrier was composed of a series of piling driven securely into the bottom and cut off below the water; added to this was another row of iron-capped and pointed piles, inclined at an angle of about 45° down the stream. Near these was a row of thirty torpedoes, containing about 200 pounds of powder each, and fitted with metal fuzes connected with spring percussion locks, with trigger-lines attached to the pointed piles. The second barrier was quite as formidable as the first, although not so dangerous. This was about a mile above and abreast of Fort Thompson, and consisted of a line of sunken vessels, closely massed, and *chevaux de frise*, leaving a very narrow passage under the battery. In passing through these obstructions the Perry struck one of the iron stakes and carried the head of it off, sticking in her bottom. The Barney had a hole six inches long cut in her, and the Stars and Stripes was also injured; but fortunately the torpedoes failed to serve the enemy's purpose.

The forts, six in number, (exclusive of those on the Trent,) were well-constructed earthworks, varying in distance apart from one-half mile to one mile and a half, and mounting, in all, thirty-two guns, ranging from 32-pounders to 80-pounders, rifled, all *en barbette*, with the exception of one casemated fort, mounting two guns.

I forward herewith the report of Lieutenant McCook, commanding the naval battery in the battle of Newbern. The conduct of this officer, as also of the officers in command of the guns and their crews, is worthy of all praise. The list of killed and wounded in this little command, amounting to less than 50 all told, will show that where the hottest of the fire was there they were. It again becomes my pleasing duty to bear testimony to the gallant bearing of the commanders of the different vessels, their officers and crews. I must beg leave to express my grateful thanks for the able manner in which I have been supported by them. I am happy to add that no casualties occurred on board the vessels under my command during the engagement.

I have the honor to be, very respectfully, &c.,

S. C. ROWAN.

Commanding United States Naval Forces, Sounds of North Carolina.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Squadron, Hampton Roads, Virginia.

UNITED STATES STEAMER PHILADELPHIA,
Off Newbern, N. C., March 19, 1862.

SIR: I have the honor to submit the following detailed report of the operations of the battery under my command during the action near this place on the 14th instant.

In obedience to your order of the 13th, I took command of the naval battery of six howitzers, and on the morning of that day landed with the advance of the army at Slocum's creek. I was placed in the brigade and under the orders of General Foster, and at once moved forward to join him. The roads were very heavy, and in some places almost impassable, and had it not been for the assistance which was cheerfully rendered me by the army, the pieces could never have gone forward. We marched steadily forward till 9 o'clock at night, and then halted to rest. At — a. m. of the 14th we again moved forward, and at 3 a. m. reported to General Burnside, who ordered us to halt.

At daylight we resumed our march. At about 7 a. m. General Burnside ordered me to take a position in front of the left of the enemy's works. I moved the battery forward to the edge of the cleared space and deployed it to the left of the county road, opening fire at once with shell and shrapnel at a distance of about six hundred yards. Opposed to us and behind the breastworks was a battery of eleven field-pieces (six of which paid particular attention to us) and a number of riflemen, who annoyed us excessively whenever the smoke would lift clear of our guns. In attempting to drive these latter from the breastwork I advanced the battery some distance, firing canister, but was compelled to fall back to my original position, after having one gun disabled, an officer and several men wounded, and one killed.

For an hour and a half we maintained our position under a heavy fire of shell, grape, and musketry, when a gallant charge by our troops cleared the enemy from the breastwork. I at once moved forward into the work with three of my pieces and all my remaining ammunition. General Foster then ordered me forward with a portion of his brigade. When we had arrived within two hundred yards of the railroad a detached body of the enemy appeared in sight; the guns were at once prepared for action, and pointed toward a cleared spot on the opposite side of the railroad, that the enemy seemed to be making for. As they came into this open space I gave the order to fire, but, before the order could be executed, Acting Master Hammond rashly dashed forward in front of the guns and demanded their surrender. This demand they complied with, by throwing down their arms and holding up their hands in token of submission. The prisoners proved to be Colonel Avery and a portion of his command, the 25th North Carolina regiment; they had been driven from the rifle pits by our troops, and were endeavoring to make their escape. From this point I was ordered down the railroad to Newbern. Obtaining two cars, I placed my guns upon them, and reached the burning bridge to find our navy in possession of the city, and the gunboats transporting the troops across the river.

The cheerfulness with which the brave men under my command dragged their guns through the heavy roads, part of the time exposed to a drenching rain, and the gallant manner in which they sustained the heavy fire of the enemy, is worthy of all praise. I would especially call your attention to the gallant conduct of Orderly Sergeant J. Mendenhall, company B, Union Coast Guard; Seamen James Judge, George H. Mansell, John Williams, Charles Patterson, and Ordinary Seaman Duncan Douglass. These men, with the exception of Mendenhall, acted as captains of guns, and, from their intimate acquaintance with the howitzers, were of great service. The conduct of my officers was all that I could wish. Acting Masters Daniels and Hammond, of the Hetzel, rendered me most valuable aid; one gun in each of their sections was in charge of E. P. Meeker, of the flag-ship, and E. C. Gabandan, of the Delaware. To their coolness and courage all can testify. The gun in charge of Lieutenant Hughes, of company B, Union Coast Guard, suffered severely, and was finally disabled. During a portion of the engagement he loaded the gun himself, until carried away wounded. Mr. Daniels made an attempt to carry forward two of the captured pieces, but, after dragging them some distance, they stuck fast in the mud. Lieutenant Tillotson, of the Coast Guard, after firing away all his am-

munition, left his section, and, I have since learned, was picked up by the retreating enemy.

On going into action I discovered that some of the men had straggled off, leaving me about fifty men to fight the guns. Among these, I regret to report the following casualties:

Killed.—Privates Arthur McGinnis and John Sheehy, company B, Union Coast Guard.

Wounded.—Second Lieutenant T. W. B. Hughes, Orderly Sergeant J. Mendenhall, Sergeant James C. Freeman, Corporal Thomas Riley, and Privates J. McDougal, S. T. Fonda, and Nicholas Mertz, (yet missing,) company B, Union Coast Guard; Seaman John Williams, Ordinary Seaman Jeremiah Sullivan, George Bushee, and Thomas Simmons. Total: killed, 2; wounded, 11.

I have the honor to be, &c.,

R. SHELDON McCOOK,
Lieutenant, United States Navy.

Commander S. C. ROWAN,
Commanding U. S. Naval Forces in the Sounds of North Carolina.

UNITED STATES STEAMER PHILADELPHIA,
Off Newburn, N. C., March 18, 1862.

SIR: I have the honor to report that the only casualties to the forces under your command in the engagement at this place, on the 13th and 14th instant, occurred in the naval howitzer battery, under the command of Lieutenant R. S. McCook, United States navy, co-operating with the forces on shore, and are as follows, viz:

Killed.—Privates Arthur McGinniss and John Sheehy, company B. Union Coast Guard.

Wounded.—Lieutenant T. W. B. Hughes, severely; Second Lieutenant J. Mendenhall, slightly; Orderly Sergeant James C. Freeman, slightly; Sergeant Thomas Riley, slightly; Corporal J. McDougal, severely; Private S. T. Fonda, slightly; and Private Nicholas Mertz, missing—all of company B, Union Coast Guard. United States Steamer Roanoke: John Williams, seaman, severely. United States Steamer Morse: Jeremiah Sullivan, ordinary seaman, slightly. United States Steamer Valley City: George Bushee and Thomas Simmons, ordinary seamen, slightly. Total: killed, 2; wounded, 11.

I am, sir, very respectfully, &c.,

SAM'L J. JONES,
Assistant Surgeon, United States Navy.

Commander S. C. ROWAN,
Commanding United States Naval Forces, &c.

Commodore Rowan to Flag-Officer Goldsborough enclosing Lieutenant Commanding Murray's report of visit to Washington, North Carolina.

UNITED STATES FLAG-STEAMER PHILADELPHIA,
Off Newbern, North Carolina, March 27, 1862.

SIR: Lieutenant Commanding Murray returned from Washington, North Carolina, this morning. His report of his visit to that place is herewith enclosed. I have to regret that the lens has not yet been returned. The authorities assured

Captain Murray that the lens was taken away without their knowledge or consent and carried to 'Tarboro' in a little steamboat. I purpose holding the authorities responsible for the return of the lens before I promise protection to the inhabitants. It may be a matter of policy not to enforce this demand if satisfactory proof offers that the authorities had no knowledge of the removal of the lens; but I shall, if possible, ascertain the guilty parties, and take all the property I can find that will reimburse the government. I shall, of course, consult with General Burnside on this point.

The political sentiments of the inhabitants of Washington are divided, but the reception given our people is more hopeful than any we have yet witnessed in these waters. The rabid secessionists proclaimed that we intended to burn the town, and this fear alone may induce many to seem what they are not. I shall institute a secret inquiry into the antecedents of the authorities and remaining inhabitants, and if I find they are not in reality what they seem, (good Union men at heart,) I shall treat them with less consideration. For the present I shall keep a strict blockade of the river and town, and shape my course as circumstances may seem best for the interest of my government.

From the best information obtained, the enemy commenced dismantling his forts below Washington before I reached here, and redoubled his haste on my arrival in this river. So far as I can learn, nearly all the military stores and munitions were destroyed or carried off, and the naval stores and cotton belonging to individuals burned. Of the two gunboats on the stocks, one, intended to mount six guns, was launched and carried up the river out of sight, and was burned the night our forces arrived, as stated by reliable authority. The other gunboat of less size remained on the stocks, and was sawn in pieces by our people, assisted by the authorities, to prevent her destruction by fire, which would have endangered the town.

I have the honor to be, &c.,

S. C. ROWAN,

Commanding U. S. Naval Forces, Sounds of N. C.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading

Squadron, Hampton Roads.

UNITED STATES STEAMER LOUISIANA,

Washington, N. C., March 26, 1862.

SIR: In obedience to your orders of the 20th instant, I proceeded to this place arriving at the "obstructions," about five miles below, on the morning of the 21st. The naval column consisted of this vessel, the Delaware, Lieutenant Commanding Quackenbush, and the Commodore Perry, Lieutenant Commanding Flusser. We were accompanied to the "obstructions" by the steamer Admiral, army transport, with eight companies of the 24th regiment Massachusetts volunteers (Colonel Stevens) and a small tug-boat.

We met with no resistance, the batteries having been abandoned and their armament removed. By blasting and other processes we soon forced a channel through the piles, though they had been driven very deep (in triple rows) and cut off three feet below the surface. At 11 o'clock a. m. we arrived abreast the town, the Delaware bringing from the transport the field officers, two companies, and the regimental band. The authorities, with many of the citizens, met us on the wharf, where I briefly explained to them the object of our visit. The military then formed, and we proceeded to the court-house, where, with all the ceremonies, we hoisted the flag of our Union. The troops returned to the Delaware with unbroken ranks.

I found, on further consultation with the authorities, on whom I had made my demand for the restoration of the Hatteras light property, that underlying an apparent acquiescence of the people of the town and neighborhood in permitting the building of gunboats and the construction of batteries to repel the federal forces, was a deep-rooted affection for the old Union and not a little animosity to its enemies, the latter element not being diminished by the importation of troops from a distant State. The result of this state of affairs was to be anticipated—the abandonment of its defences by the troops, followed by the destruction of what remained of confederate property by the people.

The launched gunboat had been towed several miles up the river, loaded with turpentine, and fired the night of our arrival. A few hundred bushels of meal and corn left in the commissary store was distributed to the poor by my orders. The most valuable part of the Hatteras light property, the lenses, have been taken to Tarboro', but I have hopes of their recovery through the instrumentality of the people of Washington. The rest of the property is secured with channel buoys and moorings.

In addition to the batteries on either side of the "obstructions," the enemy had thrown up breastworks east of the town and joining, extending half a mile. They also had fortified their camp, which commanded the high road. A sketch of the river from the "obstructions" to the bridge above the town is enclosed; it includes all the fortifications.—(See original.) The woods and swamps in this and Hyde county are represented as being alive with refugees from the draft. Many of them, encouraged by our presence, came in. They are deep and bitter in their denunciations of the secession heresy, and promise a regiment if called upon to aid in the restoration of the flag.

If this expedition has not as yet been fruitful in profitable results, its future promises well. The place should not be neglected; it could soon be refortified, the guns being traceable only as far as Tarboro'. In case our force is too limited to permit of a division for the purpose of holding possession, periodical visits at least should be made. We have been delayed two days in consequence of low water, the Commodore Perry being aground.

I am, very respectfully, &c.,

A. MURRAY,
Lieutenant Commanding Column.

Commander S. C. ROWAN,
Commanding Naval Forces, &c.

Vessels freighted with prize naval stores captured at Newbern, N. C.

UNITED STATES STEAMER PHILADELPHIA,
Off Newbern, N. C., April 1, 1862.

SIR: I enclose herewith a list of returning vessels freighted by me with prize naval stores, which fell into my hands when I captured Newbern, North Carolina.

I have the honor to be, &c.,

S. C. ROWAN,
Commanding Naval Forces, &c.

Flag-Officer L. M. GOLDSBOROUGH,
Commanding North Atlantic Blockading Squadron.

List of United States merchant vessels freighted by Commander S. C. Rowan, commanding United States naval forces in the sounds of North Carolina, with prize naval stores captured by the squadron under his command when Newbern was occupied by the United States naval forces, on the 14th of March, showing the cargo of each, which is consigned for adjudication to the judges of the United States district court at the port for which they have sailed.

Name of vessel.	Cargo.	Reputed owner.	To what port consigned.
Alfred H. Partridge---	386 barrels rosin, 31 barrels tar, 4,500 dressed shingles.	Cicero Jestice-----	New York.
Sarah A. Falconer ----	556 barrels rosin, 64 casks rosin-----	John B. Flanner-----	New York.
P. A. Sanders -----	750 barrels and 25 casks rosin-----	530 barrels, Wm. Fife; remainder, Rich'd Taylor-	Philadelphia.
Eva Bell -----	950 barrels rosin-----	William G. Byrne-----	Philadelphia.
Palma -----	1,331 barrels rosin, turpentine, and pitch; 118 barrels oil and 257 casks rosin.	1,174 barrels rosin and pitch, 43 casks rosin, and 118 barrels oil, Alex. Miller; 162 casks and 52 barrels rosin, J. B. Flanner; 105 barrels and 51 casks rosin, Wm. Whitford.	New York.
Harriet and Sarah ----	753 barrels and 136 casks rosin, 71,000 dressed shingles.	----- Jarvis -----	Philadelphia.
Eöthen-----	508 barrels rosin-----	William P. Moore-----	New York.
Lizzie Taylor-----	520 barrels and 318 casks rosin, 101 barrels turpentine, and 32,650 dressed shingles.	Rosin and shingles, Cicero Jestice; turpentine, E. Ellis.	Philadelphia.
Clifton -----	900 barrels and 74 casks rosin, 9 bales cotton-----	513 barrels and 8 casks rosin, David Bell; 387 barrels and 66 casks rosin, William G. Byrne; 9 bales cotton, Dibble & Bros.	New York.

S. C. ROWAN, Commanding Naval Forces, &c.

Commander Rowan to Flag-Officer Goldsborough, enclosing report of Lieutenant Commanding Murray as to condition of affairs at Washington, N. C.

UNITED STATES STEAMER PHILADELPHIA,
Off Newbern, N. C., April 5, 1862.

SIR: The general has sent the enemy's wounded to Washington. I sent the Albemarle to land them, but, by stupidity or accident, Mr. Chase ran her on the piles, when she sank immediately. The Delaware was fortunately in sight, and came to the rescue of the wounded men, then on board.

To guard against any indiscretion on the part of the officers then in the Pamlico, I despatched Lieutenant Commanding Murray in the Louisiana. The condition of affairs in Washington may be inferred from Captain Murray's report, which is herewith enclosed.

I have the honor to be, &c.,

S. C. ROWAN,
Commanding Naval Forces, &c.

Flag-Officer L. M. GOLDSBOROUGH,
Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER LOUISIANA,
Off Newbern, N. C., April 5, 1862.

SIR: In compliance with your orders of the 2d, (by some delay not sent to me until the 3d,) I proceeded to Washington, North Carolina, arriving at the obstructions below on the evening of the latter day, where I found the Delaware and Brincker.

On the morning of the 4th I went up to the town, in company with the Delaware, and put myself in communication with some of our friends. I learned that Mr. Respice, the mayor, had been taken out of his bed the night before and carried off; that a detachment of cavalry was in the neighborhood for the purpose of arresting the Union men, and in consequence most of the respectable people had left town for the woods, a reign of terror prevailing. The report that the confederate army was marching from Kinton on Newbern is not fully sustained.

I returned over the obstructions before night, and proceeded to visit and finally to destroy, by "blasting" and "fire," a fortification partially masked, which up to the present time had escaped our observation. It was a formidable affair, with barrack accommodations for a thousand troops, situated on the right bank, about two miles below the obstructions. I also visited the Albemarle, in company with the commanding officers, engineers, and carpenters. She was pronounced a total loss, and I ordered her destruction. She was on fire when we left. I think the disaster to the Albemarle the result of negligence or incapacity. I send you confederate dates to the 31st March, and remain, very respectfully, your obedient servant,

A. MURRAY,
Lieutenant Commanding.

Commander S. C. ROWAN, U. S. N.,
Commanding in Albemarle and Pamlico Sounds, N. C.

Commander Rowan's report of the action of gunboats at Elizabeth City, N. C., from 9th to 11th February, 1862, inclusive.

UNITED STATES FLAG-SHIP MINNESOTA,
Hampton Roads, Va., March 25, 1862.

SIR: I have the honor to forward herewith the detailed report of Commander Rowan, just received, with regard to the action of the gunboats under his command at Elizabeth City, and also copies of the reports of the commanding officers of those vessels on the occasion, together with a list of the casualties that occurred.

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer Commanding North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER DELAWARE,
Off Elizabeth City, N. C., February 11, 1862.

SIR: I beg leave to submit the following detailed report of my proceedings in Albemarle sound:

At about 3 p. m. on the 9th instant I entered Albemarle sound with the flotilla under my command, consisting of the Louisiana, Lieutenant Commanding Murray; Hetzel, Lieutenant Commanding Davenport; Underwriter, Lieutenant Commanding Jeffers; Delaware, (my flag-ship,) Lieutenant Commanding Quackenbush; Commodore Perry, Lieutenant Commanding Flusser; Valley City, Lieutenant Commanding Chaplin; Morse, Acting Master Hays; Seymour, Acting Master Wells; Whitehead, Acting Master French; Lockwood, Acting Master Graves; Ceres, Acting Master McDiarmid; Shawsheen, Acting Master Woodward; Brinker, Acting Master Giddings; and Putnam, Acting Master Hotchkiss.

As the flotilla passed into the sound the smoke of two rebel steamers was reported close in toward the opposite shore, these steamers apparently heading for Pasquotank river. I made signal to chase, and steered to cut off the enemy, but he succeeded in entering the river, and, as night was closing on us, I ordered the chase to discontinue. The flotilla steamed slowly over the bar and up the Pasquotank river to within ten miles of Fort Cobb, out Cobb's Point, where at 8.6 p. m. we anchored for the night.

I then called on board the commissioned officers in command, and informed them that the vessels of the enemy were either drawn up behind his battery on Cobb's Point or had made their escape through the canal to Norfolk. I reminded them of our embarrassment with regard to ammunition, having but twenty rounds for each gun, and proposed to organize the force in such a manner as to answer the double purpose of a close reconnoissance in force, to be converted into an attack if I deemed it prudent. It was positively enjoined upon them not to fire a single shot until the order was given, and, in order further to economize ammunition, I directed that each vessel, as she approached the enemy, should run him down and engage him hand to hand. With this understanding these noble spirits returned to their respective ships to await the events of the morrow.

At daylight on the morning of the 10th the flotilla weighed anchor and formed in the order prescribed, the Underwriter, Perry, Morse, and Delaware in advance to reconnoitre, with the little Ceres on their right flank, followed by the remainder of the force, led in order by the Louisiana and Hetzel, the Valley

City and Whitehead being under orders to leave the lines as soon as the battery had been passed by the flotilla and attack it in reverse. In this manner we proceeded at moderate speed up the river.

At 8.30 a. m. the enemy's steamers were discovered drawn up, as I anticipated, behind the battery, which mounted four heavy 32-pounders, under command of Commodore Lynch in person, and was supported by the schooner Black Warrior, moored on the opposite side of the river, and armed with two heavy 32-pounders. The enemy's line appeared to be drawn up diagonally across and up the river in front of the town, his right resting on the battery. When within long range, the enemy opened fire from the battery, and the Black Warrior, followed by the steamers, with their 80-pounder and 12-pounder rifles. Our force, however, moved on silently and steadily, shot and shell passing over the vessels in advance, and falling thick and fast among the vessels in the main columns. When within three-quarters of a mile of the battery, I made signal "Dash at the enemy!" Our fire was then opened with telling effect, and our vessels put to their utmost speed.

The enemy seemed to become demoralized at this unexpected and determined movement. The Black Warrior was set on fire and destroyed by her officers and crew; the fort was abandoned as the head of our column passed it; a dash was then made at the enemy drawn up inside. The Perry, Lieutenant Commanding Flusser, took the flag-ship Sea Bird in gallant style, running her down and sinking her—making prisoners of her officers and crew. The Underwriter made to cut off the retreat of the Beaufort. The Ceres ran ahead and took possession of the Ellis. Some of the crew of the Ellis, in making their escape on shore, were killed and wounded by our musketry. Among the wounded was Midshipman Jackson, who was taken on board the Hetzel, where he received every possible care and attention. He survived but a few hours, and was buried with all the honors due his rank. The Delaware boarded and hauled down the rebel flag of the Fanny, which had been deserted and set on fire.

Passing up the river to the city with three or four of the vessels, we ran them alongside the wharves. A battery of field artillery was seen making a hasty retreat down the street. A party of our people passing through the streets came suddenly on a mounted artillery officer of the Wise Legion, who, in obedience to orders from General Henningsen, was compelling the defenceless people to set fire to the houses. Several houses were set on fire before he was arrested and brought to me. I immediately ordered all our people on board their respective ships, and that no visitors between shore and ships should be permitted. Some of the defenceless inhabitants, men and women, came to the wharf to implore me to save their houses and property from destruction; but I refused to allow a man to move, knowing that if I acceded to their requests we would be charged with vandalism, as incendiaries. No other houses were destroyed besides those set on fire under the direction of Lieutenant Scroggs, of the Wise Legion.

The commissary storehouse was broken open by my orders, and a supply of fresh beef, bread, and flour taken from it. The confederate steamer Forrest, which had been disabled in the action of the 7th instant, together with a gunboat on the stocks, and another vessel of lighter frame, were burnt at the shipyard. I sent competent engineers to destroy the machinery, boilers, and railway. This done, I withdrew all my vessels to Cobb's Point, where efforts had been made by other vessels of the flotilla to save the Fanny and Black Warrior, but in both cases the fire had too much headway to be subdued. The latter vessel had on board at the time a large amount of provisions, clothing, and other stores for the use of the enemy's squadron. The three following days were devoted to the destruction of the machinery of the Fanny and Sea Bird, and the recovery of their armament and such ordnance stores as could be fished up. Meanwhile Lieutenant Commanding Flusser was intrusted with the duty of

completing the destruction of the fort at Cobb's Point, which duty he efficiently performed, bringing off a quantity of powder, powder-tanks, projectiles, &c., &c.; all of which came from the navy yard at Norfolk.

In the evening of the 11th instant I despatched Lieutenant Commanding Murray with a small force, consisting of the Louisiana, Underwriter, Commodore Perry, and Lockwood, to Edenton to make a reconnoissance, with orders if he found no fort there to communicate with the authorities and destroy all the public property, but to scrupulously respect that belonging to private individuals. This duty Lieutenant Commanding Murray performed with his usual ability, taking possession of the town, quieting the apprehensions of the inhabitants, putting to flight a body of artillery, destroying eight cannon and a vessel on the stocks, and capturing two schooners.

Immediately on the return of the force from Edenton I despatched the Louisiana, Underwriter, Lockwood, Whitehead, and Shawsheen, with prize schooners in tow, to obstruct the Chesapeake and Albemarle canals, the expedition being under the command of Lieutenant Commanding Murray. The Louisiana and Underwriter came to an anchor outside the bar off the North river, while Lieutenant Commanding Jeffers ascended to the mouth of the canal with the Lockwood, Whitehead, and Shawsheen. He arrived just in time to hurry the retreat of General Wise, who was falling back from Nag's Head. The duty of obstructing the canal was performed with the characteristic zeal and discretion of this officer. I refer you to his report, together with that of Lieutenant Commanding Murray.

In congratulating you upon the result of these expeditions, which appears to me to have effectually demonstrated to these people the strength and determination of our government, I am happy in having no complaint to make—with zeal, gallantry, and efficiency each column was led and each ship handled. The programme determined upon the evening before was carried out to the very letter.

I would respectfully call your attention to one incident of the engagement, which reflects much credit upon a quarter-gunner of the Valley City, and for which Congress has provided rewards in the shape of medals. A shot had passed through her magazine and exploded in a locker beyond, containing fireworks. Her commander, Lieutenant Commanding Chaplin, went there to aid in suppressing the fire, where he found John Davis, quarter-gunner, seated, with commendable coolness, on an open barrel of powder, as the only means to keep the fire out.

I forward herewith the reports of the commanding officers.

I am, very respectfully, your obedient servant,

S. C. ROWAN,

*Commanding Naval Division United States
Expedition in Pamlico Sound.*

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER LOUISIANA,

Elizabeth City, N. C., February 11, 1862.

SIR: I respectfully report, that in accordance with the plan of attack decided upon by you last night, I directed the column under my command, reduced by injuries at Roanoke island, to the Lockwood, Seymour, and this vessel, to take the positions assigned.

I am happy to report that the column and officers under my command, in an engagement against fortified works, aided by the whole naval forces of the enemy, did their duty.

I congratulate you on its perfect success, as well as the moderation and humanity exhibited in the hour of victory.

Very respectfully, your obedient servant,

A. MURRAY,
Commanding 2d Column.

Commander S. C. ROWAN,
Commanding Flotilla, &c., Pamlico Sound.

UNITED STATES STEAMER HETZEL,
Croatan Sound, N. C., February 14, 1862.

SIR: In accordance with your request, I beg leave to submit the following report:

Leaving this anchorage on Sunday, the 9th instant, in company with the rest of the light squadron, we stood up Albemarle sound, and towards evening saw some of the enemy's steamers, which were pursued into the Pasquotank river, where we anchored about three miles inside.

At a little before 7 o'clock the next morning, got under way and stood up the river, presently discovering the rebel flotilla awaiting our approach above a four-gun battery on Cobb's Point.

The position in the column assigned to the Hetzel was such that it was not practicable, in this narrow stream, to fire at the enemy's steamers without endangering the lives of our companions; but we managed to get two shots at the battery and one at an armed schooner—the missiles of our opponents falling thick and fast around us.

At 9.10 a. m. answered general signal, "make a dash at the enemy!" In fifteen minutes from this time the affair was finished, the battery deserted, and the flotilla burnt, sunk, captured, or put to flight. At 9.45 a. m. received on board, for surgical assistance, Acting Midshipman Wm. C. Jackson, aged 18, mortally wounded while making his way to the shore from the captured steamer Ellis. He died at 10 p. m., and was buried on shore the next morning with all possible solemnities. At 11.30 a. m. anchored off the battery, and sent Lieutenant Franklin with armed boat's crew to assist in its destruction.

In conclusion, I would respectfully call your attention to the coolness and gallant conduct of all under my command, who vied with one another in the steady and faithful performance of their duty.

I have the honor to be, &c.,

H. K. DAVENPORT,
Lieutenant Commanding

Commander S. C. ROWAN, U. S. N.,
Commanding Flotilla, &c., &c.

UNITED STATES STEAMER UNDERWRITER,
Off Elizabeth City, February 10, 1862.

SIR: I have the honor to submit the following report:

This morning I steamed up the river towards Elizabeth City in the position assigned me. On arriving within less than a mile of the rebel battery and ships, when the general signal was made "make a dash at the enemy!" I opened fire, and went ahead full speed. On nearing the ships, I directed the pilot to [put] this vessel alongside the Sea Bird; but on closing within a couple of hundred yards, I observed two steamers turning to escape, therefore passed on in pursuit. One of them was cut off, and, endeavoring to pass across my stern, was

met by another vessel and captured. The other ranged ahead, keeping up a lively fire of musketry, which was returned with the 12-pounder rifle, but did not succeed in disabling her machinery, and she soon disappeared round a turn in the river.

Arriving in front of the town, a battery of horse artillery, standing at the head of Main street, moved off. I went alongside the wharf, and remained until directed to drop down off the battery.

The occasion offered no opportunity for the display of individual gallantry—all merit my approbation. I, however, mention particularly Mr. Walter B. Griffith, master's mate, and Mr. John Cahill, second assistant engineer, (acting chief;) the former, as in the actions of the 7th and 8th, worked his rifled gun with coolness and precision. The latter was of great service in his own department, and also assisted at the after gun.

Ammunition expended: For 80-pounder rifle, 9 shells; for 12-pounder rifle, 18 shells and 1 stand of grape; for 8-inch gun, 4 shells; for 12-pounder howitzer, 1 shrapnel, 2 canister.

Respectfully, your obedient servant,

WILLIAM N. JEFFERS,
Lieutenant Commanding.

Commander S. C. ROWAN,
United States Navy.

UNITED STATES STEAMER DELAWARE,
Off Elizabeth City, February 11, 1862.

SIR: I have the honor to submit to you the following report:

On the 9th instant, at 2.30 p. m., the United States naval flotilla, consisting of fourteen armed steamers under your command, weighed anchor for Elizabeth City. Late in the afternoon two rebel steamers were discovered standing for Elizabeth City. The United States steamer Lockwood with this vessel immediately gave chase, but darkness prevented our overtaking them. At 8 p. m. the flotilla came to anchor, distant about fourteen miles from Elizabeth City.

On the morning of the 10th, at 6 a. m., signal was made from this ship for the flotilla to get under weigh, and at 8 a. m., when standing on our course, discovered the enemy's gunboats, consisting of seven steamers and one armed schooner of two guns, a fine battery on our left of four guns, and one gun in the city facing us. When within range, signal was made, in accordance to the orders of the commanding officer of the flotilla, to "make a dash at the enemy," which signal was again repeated within six hundred yards of the enemy, at the same time terrible execution with our guns, and filling the air with shot and shell.

At 9.25 a. m., precisely nineteen minutes from the time the first gun was fired, the schooner struck her colors, and was found to be on fire. About the same time the rebel flag on the battery at Cobb's Point was taken down and waved by the garrison; whereupon the rebel gunboats, with two exceptions, ran close in shore, and were instantaneously set on fire and abandoned by their crews, some of whom escaped in boats, and others, jumping overboard, swam and waded to the shore.

I now gave the order to my acting aid, Assistant Paymaster F. R. Curtis, to have the cutter manned, and bring off a rebel flag for Commander Rowan, which was flying on board the rebel steamer Fanny. J. H. Raymond, acting master's mate, together with a part of his division, jumped into the boat with F. R. Curtis, and boarded the steamer Fanny, which was at the time on fire, hauled down the rebel flag, and then proceeded on shore to the battery, being the first

to land, when the stars and stripes were planted by Mr. Raymond, amidst tremendous cheering from the flotilla; after which, in obedience to a recall, they returned on board this vessel, which was moored to the wharf at Elizabeth City at 9.45 a. m.; thus ending one of the shortest and most brilliant engagements that has occurred during this unfortunate civil war.

Too much praise cannot be awarded to the officers and men attached to this vessel for their gallant conduct during the action of the 10th instant. Great credit is due to our pilot, Nassa S. Williams, for invaluable services rendered during the engagement.

I am, very respectfully, your obedient servant,

S. P. QUACKENBUSH,
Lieutenant Commanding.

STEPHEN C. ROWAN,
Commanding United States Flotilla, &c.

UNITED STATES STEAMER COMMODORE PERRY,
Roanoke Island, February 28, 1862.

SIR: In the action of the 10th instant, at Cobb's Point battery, the battery, schooner, and steamers opened fire on us about 8 a. m. About 8.15 we commenced to return it, firing at the battery and Sea Bird alone. After passing the battery, we fired only at the Sea Bird. We ran her down, and took her officers and crew prisoners. In the collision the ring-stopper of the anchor was snapped, and the anchor went to the bottom, which accident, together with the delay occasioned by receiving on board the prisoners, prevented us from making another capture. While engaged in receiving the prisoners, ten of the enemy's small steamers ran around very close to, firing at us with musketry, by which two of my men were killed and an officer wounded. The vessel was not struck by shot or shell. We fired fifteen shells, the greater number at the battery.

I have the honor to be, &c.,

C. W. FLUSSER, *Lieutenant Commanding.*

Commander S. C. ROWAN,
Commanding United States Naval Flotilla, &c.

List of the killed and wounded on the Commodore Perry.

Killed.—Frederick Wierland, seaman; Thomas O'Mara, company A, 4th Rhode Island volunteers, born at Fall River, Massachusetts.

Wounded.—Henry C. Webster, acting master's mate, in the leg, severely, but not dangerously.

Very respectfully, &c.,

C. W. FLUSSER.

UNITED STATES STEAMER VALLEY CITY,
Off Elizabeth City, N. C., February 10, 1862.

SIR: I respectfully beg to submit the following report of the proceedings of this vessel in the action off this city on this day:

After steaming up the river until 8 o'clock yesterday evening, I came to anchor with the other flotilla about seventeen miles below Elizabeth City.

February 10.—At 6.30 a. m. got under way in obedience to signal, and stood up the river, in company with the rest of the flotilla. When nearing the

approaches of the city, received the fire of a rebel battery on shore. I immediately manned my port battery, and kept up a brisk return of the fire. A steamer and schooner, bearing the rebel flag, opened fire on our starboard bow; returned their fire with my starboard battery. A shell from the enemy passing through both my boats, rendered them entirely unfit for service.

Upon signal "make a dash at the enemy," increased the speed, and fired several brisk broadsides at the enemy's battery. A shell from the shore penetrated the side and passed through the magazine, exploding outside the screen on the berth-deck. Several of the powder divisions were severely scorched, the protecting bulkheads were torn to pieces, and the forward part of the berth-deck set on fire by the explosion. Ordered the pumps to be manned, and speedily got the fire subdued. In forty minutes from the commencement of the action, came to anchor within the precincts of Elizabeth City.

I take pleasure in again bearing testimony to the gallant conduct of the officers and crew of this vessel, and particularly I desire to bring under your notice the cool intrepidity and thorough practical seamanship displayed by master's mate, J. A. J. Brooks, in manœuvring this vessel while under the hottest of the enemy's fire; also to the undaunted presence of mind of the gunner's mate, John Davis, who, while at his station in the magazine, when the shell penetrated the side and ignited the berth-deck, as above reported, did cover a barrel of powder with his own person, thereby preventing an explosion, while at the same time passing powder, providing for the gun divisions on the upper deck.

I beg to enclose the surgeon's report of the casualties during the day.

I am, sir, very respectfully, &c.,

J. C. CHAPLIN, *Lieutenant Commanding.*

Commander S. C. ROWAN,

Commanding Flotilla, &c.

UNITED STATES STEAMER MORSE,
Off Elizabeth City, N. C., February 15, 1862.

SIR: In obedience to your order of the 11th instant, I submit the following report of the operations of this vessel during the engagement of the 10th instant.

At 7 a. m., in obedience to signals, we got under way. Opened fire on the enemy with shells, at a distance of about three-quarters of a mile, maintaining a steady fire until the termination of the engagement; after which a few fragments of a shrapnel were found on deck, which, with a shot through the ensign, were the only ones received, neither killing nor wounding any person on board.

The officers and men behaved throughout with the utmost bravery and coolness. In all, thirteen shell and one shrapnel were expended.

I am, sir, very respectfully, &c.,

PETER HAYS,
Acting Master Commanding.

Commander S. C. ROWAN,

Commanding Naval Flotilla, &c.

UNITED STATES STEAMER LOCKWOOD,
Elizabeth City, N. C., February 12, 1862.

SIR: I have the honor to forward the following report of the action at Elizabeth City on the 10th instant.

At 9 a. m. engaged the enemy, directing my fire upon their armed schooner until her crew deserted her, when I hauled across the river towards the Fanny,

firing shrapnel and volleys of musketry. The enemy took to their boats, (after setting fire to their vessel,) and retreated under a heavy fire. I boarded as soon as possible with my boats, but found the fire too much spread to subdue; succeeded in capturing 20 stand of arms. Received a shot through our smoke-stack, and had our boat's davits unshipped by a spent shot; no one injured. The officers and men behaved nobly. Expended 8 rounds of 80-pounder ammunition; 4 rounds of howitzer ditto; 50 rounds of buck and ball ditto.

Very respectfully, &c.,

G. W. GRAVES,
Acting Master Commanding.

Commander S. L. ROWAN,
Commanding Naval Division.

UNITED STATES STEAMER WHITEHEAD,
Off Elizabeth City, N. C., February 10, 1862.

SIR: I engaged the enemy this morning at 8.20; discovered a rebel schooner abandoned and fired, mounting two 32's. Not being able to extinguish the fire, I scuttled her. I took from her 6 muskets; 12 boarding pikes; books and papers of the rebel paymaster.

I expended during the action six shells. My officers and men behaved nobly during the fight.

Very respectfully, your obedient servant,

CHARLES A. FRENCH,
Acting Master Commanding.

Commander S. C. ROWAN,
Commanding Naval Flotilla, &c.

UNITED STATES STEAMER SHAWSHEEN,
Off Elizabeth City, N. C., February 11, 1862.

SIR: In obedience to your order, I have the honor to submit the following report of the part taken by this steamer, under my command, at the attack on Cobb's Point battery; also on a fleet of rebel gunboats and one armed schooner, stationed near by to support said battery.

On the morning of the 10th instant thirteen of our gunboats were at anchor at the mouth of the Pasquotank river, having anchored there the preceding night. At 6.30 a. m. a sail was discovered crossing the mouth of the river, outside of the fleet, when some of the gunboats gave chase. I also got under way and stood out in pursuit, and, seeing her running for the land, I fired a shot across her bows, which brought her to, when the Seymour, being in advance of the other boats, took her in tow. She proved to be a schooner loaded with wood. I immediately stood up the river after the fleet, which had got under way, and was proceeding slowly up the river towards Elizabeth City. I soon overtook them. At 7.30 a. m. some rebel steamers were discovered ahead, apparently on the retreat. At 8 a. m. came in sight of the battery, and saw the steamers form in order across the river opposite. Our steamers advanced at a medium rate, when, being within about two miles of the battery, the steamers and armed schooners opened fire upon our fleet. At 8.30 a. m. the battery commenced firing, their shot reaching our steamers, but doing no injury, when our fleet ran up within good range. Signals were made by Commander Rowan on his flag-ship, the Delaware, to make a dash at the enemy, and fire at them at

our discretion, when all the steamers went ahead at full speed, and opened on the enemy a well-directed fire, which fire was repeated in quick succession as we advanced. Their shot and shell fell rapidly among us, some of which took effect, but still we advanced on the enemy, which, with our fire, threw them into confusion, although they endeavored to make an able resistance; but when they discovered our intention to board, their men left their guns, their steamers were headed towards the shore and some of them set on fire—the flag on the fort's battery was hauled down and it deserted—when our leading steamers made a most gallant manœuvre and ran them aboard, sinking two, capturing one, and the schooner was set on fire and deserted. I was running for the steamer Fanny, and being so near that all hands were ready to board and run, using muskets and small arms, at the retreating rebels, who waved a flag in defiance at us. As we ran about to board her, discovered her to be on fire, and was ordered to back off from her by Commander Rowan, which I did, and followed other steamers in pursuit of one of the rebel steamers, which was making her escape by way of the canal. After chasing her some way up the canal, the chase was given up. Some of our steamers went up to the wharf, including the flag-ship Delaware. One new gunboat building and one old gunboat repairing were set on fire, and the city fired in several places. After remaining some time up at the city, I was ordered to anchor down near the battery on Cobb's Point, which I did, as did all the fleet soon afterwards; having expended 10 rounds of ammunition for forward rifled gun, and 50 charges small-arm ammunition, and receiving no injury throughout the engagement. Permit me to add that all under my command, both officers and crew, worked with a determined will worthy of themselves and the noble cause in which they are engaged.

I have the honor to be, &c.,

THOMAS J. WOODWARD,
Acting Master Commanding.

S. C. ROWAN,
Commanding Albemarle Flotilla.

UNITED STATES STEAMER HENRY BRINKER,
Off Roanoke Island, March 1, 1862.

SIR: I have the honor to report the part taken by the vessel under my command in the engagement at Elizabeth City on the 10th instant.

At 8 a. m. (the enemy's gunboats being in sight) was in the position assigned me by my commander, in the rear of the first division.

Owing to my position, I was unable to fire with either safety to our own vessels or effect on the enemy, until nearly opposite the battery on Cobb's Point, when we fired three shots at the schooner battery on the northern shore of the river. The schooner, ceasing to fire, approached the battery. Had fired but four shots when the order to "make a dash at the enemy" was given by the flag-ship Delaware. Closed in, but had no opportunity to engage, the enemy being completely routed by the vessels in advance. Came to anchor near the bar, above Cobb's Point, and awaited orders.

Ammunition expended, seven rounds; casualties, none. The vessel was not struck by the enemy's shot. My officers and crew behaved with their usual gallantry.

I have the honor to be, &c.,

JOHN E. GIDDINGS,
Acting Master Commanding.

Commander S. C. ROWAN,
Commanding Naval Forces, Albemarle Sound.

UNITED STATES STEAMER GENERAL PUTNAM,

Off Elizabeth City, February 11, 1862.

SIR: As I have the honor to report to you the proceedings of yesterday, I regret to say that, owing to the bad condition of our boiler, and consequently the slowness of my boat, I did not arrive in time to take a part in the action, but rendered assistance in getting the Ceres and her prize afloat, they both being ashore; then steamed up to the city, and received orders to anchor below.

Sent a boat to put out the fire of the armed schooner, but the fire was too far advanced to be subdued. Seeing a flag of truce on shore, I sent a boat and brought off a man, who was one of the crew of the schooner which was burnt. He claims to be a pilot through all the waters of North Carolina,

Very respectfully, your obedient servant,

WILLIAM J. HOTCHKISS,

Acting Master, Commanding.

Lieutenant DAVENPORT,

Commanding Third Division.

List of casualties off Elizabeth City.

UNITED STATES STEAMER VALLEY CITY.

Wounded.—Thomas J. Daniels, pilot, severely; Thomas Doyle, ordinary seaman, severely; John Lahey, nurse, slightly; James A. Young, officers' cook, severely.

UNITED STATES STEAMER UNDERWRITER.

Wounded.—James Matthews, master-at-arms, slightly.

UNITED STATES STEAMER CERES.

Wounded.—Timothy Dacey, ordinary seamen, slightly.

UNITED STATES STEAMER COMMODORE PERRY.

Killed.—Frederick Wierland, seaman; Thomas O'Mara, private, company A, fourth regiment Rhode Island volunteers. *Wounded.*—Henry C. Webster, acting master's mate, slightly.

Recapitulation.—Killed, 2; wounded, 7.

ORDER.

UNITED STATES STEAMER DELAWARE,

Off Elizabeth City, February 11, 1862.

The commander of the flotilla in Albemarle sound avails himself of the earliest moment to make a public acknowledgment of the coolness, gallantry, and skill displayed by the officers and men under his command in the capture and destruction of the enemy's battery and squadron at Cobb's Point. The strict observance of the plan of attack, and the steady but onward course of the ships, without returning a shot until within three-quarters of a mile of the fort, excited the admiration of our enemies.

The undersigned is particularly gratified at the evidence of the high dis-

cipline of the crews in refraining from trespassing in the slightest degree upon the private property of defenceless people in a defenceless town. The generous offer to go on shore and extinguish the flames applied by the torch of a vandal soldiery to the houses of their own defenceless women and children is a striking evidence of the justness of our cause, and must have its effect in teaching our deluded countrymen a lesson in humanity and civilization.

S. C. ROWAN,
Commanding Flotilla, Albemarle Sound.

Capture of Fort Macon.

UNITED STATES STEAMER DAYLIGHT,
Beaufort Harbor, April 26, 1862.

SIR: I have the pleasure to inform you that Fort Macon is ours, after one day's bombardment, in which the gunboats under my command participated. Our loss is one engineer, wounded in the arm by a round shot, or rather the splinters, the shot entering our starboard quarter, and lodging in the opposite side of the ship. The army had one killed and two wounded, I hear. Particulars of our part in the capture hereafter.

In haste, yours, respectfully,

SAMUEL LOCKWOOD,
Commander and Senior Officer.

Flag-Officer L. M. GOLDSBOROUGH,
Com'd'g North Atlantic Blockading Squadron, Hampton Roads.

UNITED STATES PROPELLER DAYLIGHT,
Beaufort Harbor, April 27, 1862.

SIR: I have the honor to report that on the 25th instant, our batteries on shore being in position, fire was opened about 6 a. m. on Fort Macon. On its being reported, I got under way and steamed towards the other blockading vessels, making signals for them to get under way, to prepare for action, and form in line ahead. When within range, as near as the shoals allowed us to approach, the Daylight opened fire, followed in succession by the State of Georgia, Commander James F. Armstrong; the gunboat Chippewa, Lieutenant Commanding A. Bryson, and the bark Gemsbok, Acting Lieutenant Edward Cavendy. The three steamers kept under way, steaming around in a circle, delivering their fire as they came within range at a mile and a quarter distant from the fort; the bark anchored. After firing a number of rounds of shot and shell, finding that the sea, from a southwest wind blowing on shore, caused the vessels to roll so quick and deep as to render our guns almost unmanageable, to affect our range, and the accuracy of our aim, I reluctantly withdrew, after being engaged about an hour and a quarter, hoping that the wind and sea would subside so as to enable us to renew our firing in the afternoon. I the more readily adopted that course, as we did not contemplate to be continuously engaged, but to occasionally open fire on the enemy, who we expected would hold out for several days. The wind and sea increasing rendered the renewal of the engagement impracticable that afternoon by the gunboats. Towards evening a flag of truce was displayed from the fort, which passed into our possession the following morning, and we heartily cheered the reappearance of our old flag over the ramparts of Fort Macon about 10 a. m., April 26, 1862.

On entering the post I had an interview with Major General Burnside, and we jointly signed the terms of capitulation on the part of the United States forces.

We expended nearly one-half of our fifteen-second fused shells, and I am happy to say with good effect; and our time of attack was most opportune, as we drew the fire of the enemy from an important land battery, which enabled our forces to repair damages caused by the concentrated fire of the enemy thereon. The fire of the enemy on the vessels from guns of greater range was excellent. Their shot and shell fell around us in every direction. Many good line shots passed just over and beyond us as we successively passed their line of fire, and we were exceedingly fortunate in receiving so little damage. The Daylight was struck by an 8-inch solid shot on the starboard quarter, below the spar deck, passing through several bulkheads and the deck below to the opposite side of the vessel in the engine room, about six inches above the machinery, among which it dropped. A splinter fractured the small bone of the right forearm of Acting Third Assistant Engineer Eugene J. Wade, and I am happy to state that this was the only casualty that occurred.

I am informed that our forces on shore had one killed and two wounded, and that the enemy had eight killed and twenty wounded. It is remarkable that so important a victory should have been achieved with so little loss of life, particularly as the interior of the fort was literally covered with the fragments of bombs and shells, and many of their guns disabled.

I herewith enclose the reports of the several commanders, and it gives me great pleasure to commend the gallantry of all.

I am, sir, respectfully, your obedient servant,

SAMUEL LOCKWOOD,

Commander and Senior Officer present.

Flag-Officer L. M. GOLDSBOROUGH,

U. S. Flag-Ship Minnesota, Hampton Roads, Va.

UNITED STATES STEAMER STATE OF GEORGIA,

Off Fort Mccon, N. C., April 26, 1862.

SIR: I have the honor to hand, herewith, a statement of the amount of ammunition expended during the action of yesterday.

The fire of the enemy was well directed, their shot and shell falling thick and fast around us, one passing through the American ensign at the peak. While making the circle, under the fire of the fort, we touched bottom slightly, without damage. The coolness and spirit displayed by the officers and crew of this vessel deserves the highest praise.

I am, sir, very respectfully, your obedient servant,

JAMES F. ARMSTRONG, *Commander.*

Captain SAMUEL LOCKWOOD,

Commander and Senior Officer, off Fort Macon, North Carolina.

UNITED STATES GUNBOAT CHIPPEWA,

Beaufort, April 27, 1862.

SIR: In obedience to your orders, I herewith transmit to you an account of the part taken by this vessel at the bombardment of Fort Macon on the 25th instant.

In accordance with your signal we got under way at 8 o'clock, and following in line stood in for the fort. I am surprised that our firing should have been so accurate, when I take into consideration the rolling of the vessel. At times the muzzle of our eleven-inch pivot gun was within a very short distance of the

water. During the time we were in the engagement we fired twelve rounds from the eleven-inch gun, and ten from the twenty-pound Parrott.

The shell from the fort passed through our rigging and exploded all around us, but I am happy to be able to state that no one was injured; neither did the hull or rigging receive the slightest damage. Both officers and men, few of whom had ever been under fire before, behaved with the greatest coolness and bravery.

I am, respectfully, your obedient servant,

A. BRYSON, *Lieutenant Commanding.*

Commander SAMUEL LOCKWOOD, *Senior Officer present.*

UNITED STATES STEAMER GEMSBOK,
Off Beaufort, North Carolina, April 25, 1862.

SIR: I have the honor to report to you the following statement of the part this vessel took in the bombardment of Fort Macon, between the hours of 8 and 10 a. m. on the above date.

Agreeably to signal from my senior officer I prepared the ship ready for action; at 7.55 perceived signal to get under way to the fort and to open fire; at 8 hove up anchor and stood in toward Fort Macon, and anchored close in to the breakers, in four fathoms water, distant one mile (large distance) from the fort. Immediately opened fire, and continued firing until the flag-ship stood off, when I hove up anchor and stood for the anchorage. Fired twenty-eight shot and shell at the fort. Having but a small quantity of long range fuses that would reach the fort, I was compelled to use hollow shell and shot instead.

During the time the ship was in action several shot and shell came very near us; only one, however, did any damage, that carrying away the forward star-board main topmast backstay ten feet from the deck; also carrying away the main topsail halliards and main brace.

I am, sir, very respectfully, your obedient servant,

EDWARD CAVENDY, *Commanding Gemsbok.*

SAMUEL LOCKWOOD,

Senior Officer, Commanding United States Steamer Daylight.

UNITED STATES STEAMER ELLIS,

Off Beaufort, N. C., April 26, 1862.

SIR: I have the honor to make to you the following report:

Fort Macon surrendered after being bombarded for ten hours. In my letter of the 23d instant to you I mentioned the superior range of the fort's guns and my inability to reach it at two miles, even with the increased charge of eight pounds. On Friday, the morning of the attack, the wind was fresh from the southward and westward, making sufficient sea to render my fire very uncertain, and to endanger the vessel on the shoals. These circumstances, and the poor range of my gun, decided me not to engage with the Ellis; so I was obliged to content myself with offering the services of my people, to assist at the guns on the canal boats. Mr. Porter worked one for a short time, but orders soon came to stop it, and when the firing ceased we were engaged in sounding out a better position for them.

Very respectfully, your obedient servant,

C. L. FRANKLIN,

Lieutenant, Commanding Ellis.

Commodore S. C. ROWAN,

Commanding U. S. naval forces in North Carolina.

Lieutenant Commanding Flusser's report of obstruction of the Albemarle and Chesapeake canal, April 23 and 24, 1862.

UNITED STATES STEAMER PHILADELPHIA,
Off Elizabeth City, N. C., April 26, 1862.

SIR: Finding that the army had failed to accomplish the purpose for which it was landed near Elizabeth City, and having returned to its post without accomplishing either the destruction of one or the other of the canals, I resolved to undertake it with the navy; I accordingly gave orders to Lieutenant Commanding Flusser, and furnished him with all the means he required; he accomplished the work to my entire satisfaction, and in his usual able and energetic manner. I enclose Lieutenant Commanding Flusser's report.

I am, very respectfully, your obedient servant,

S. C. ROWAN,

Commanding Naval Forces Sounds of North Carolina.

L. M. GOLDSBOROUGH,

*Commanding North Atlantic Blockading Squadron,
Hampton Roads, Virginia.*

UNITED STATES STEAMER COMMODORE PERRY,
Off Elizabeth City, April 25, 1862.

SIR: In obedience to your order, I left this place on the 23d instant, in the Lockwood, with the Whitehead, and Putnam in company, each with an officer and a detachment of men on board; the Lockwood towing the wrecking schooner Emma Slade, with the apparatus for blowing up the banks, to block up the Albemarle and Chesapeake canal.

At the mouth of North river we were joined by the Shawsheen, having in tow a schooner which had been sent the day before to Roanoke island to be filled with sand.

In the afternoon of the 23d fifty men were landed on each bank, while a launch with a heavy 12-pounder was sent up the canal, and with this force we moved up two miles, examining the banks to find the best place for operations.

I concluded to place the obstruction near the mouth, that the men while at work might be under cover of the guns of the steamers, and the enemy be prevented from removing it.

The schooner was sunk just inside of the canal, and with brush, stumps, rails, trunks of heavy trees, and earth, the passage was obstructed from the schooner about fifty yards above. We were occupied from noon till sunset of the 23d, and from 7.30 a. m. till half an hour after sunset of the 24th. Earth was thrown in by hand from each bank as far as could be, but we had no wheelbarrows to carry it to the middle.

Professor Maillefert, of the New York Submarine Engineer Company, and his assistants were of great service to me; indeed, I was mostly governed by his advice, as he is more familiar with this sort of work than I am. He is of opinion that it will require two or three months' labor, with a dredging machine, to remove what we have placed in a day and a half. He says it will be easier and cheaper to cut a new outlet than to remove the obstruction.

The rebels have, I think, no thought of using that canal, as they have themselves been obstructing it above and below the bridge.

It would be well to send a steamer there daily until the timber is water-soaked and sunk.

Very respectfully, your obedient servant,

CHARLES W. FLUSSER,
Lieutenant Commanding.

Commander S. C. ROWAN,

Commanding U. S. Naval Forces, inner waters of North Carolina.

Commander Smith to Flag Officer Goldsborough, about the capture of Yorktown and assistance rendered General McClellan.

UNITED STATES STEAMER WACHUSETT,
Yorktown, Va., May 5, 1862.

SIR: About 7 o'clock yesterday morning we saw an American ensign floating over one of the rebel redoubts at Yorktown, and a few minutes afterwards I received from General McClellan a telegraphic despatch saying, "Yorktown is in our possession, please come up and help us in communicating with Gloucester," and requesting me to send some of the boats up York river to reconnoitre and seize schooners.

The squadron was immediately under way and stood up the river. When near Gloucester Point I sent Master Whitehead, of this ship, to hoist the American flag at that place. I then despatched the Corwin, Lieutenant Commanding Phelps, and Currituck, Acting Master Shankland, to reconnoitre up York river, to the distance of ten or twelve miles; the other vessels anchored at this place.

We found only one small schooner, which had been abandoned. All other vessels had gone up the river; some few were still in sight, but at a considerable distance.

At 11 a. m. I received a despatch from General McClellan requesting me to send two boats to reconnoitre as far up as West Point, and let the rest escort Franklin's division, which was to go by water. I directed Lieutenant Commanding Patterson, in the Chocura, to proceed up the river to West Point, taking with him the Corwin, (which had not yet returned,) and to send back the Currituck.

At 2 p. m. the Currituck returned, and her commander reported that he had been about twelve miles up the river; that Bigelow's wharf, ten miles above, was burning, and he had not seen any batteries on the banks. Just as the Currituck returned I received a despatch from General McClellan, saying that it was of the first importance that some of the boats should hurry up and destroy the transportation. I therefore despatched the Currituck, with orders to go up the river and, if possible, destroy the railroad bridge over the Pamunkey river, and then telegraphed to General McClellan to inform him what I had done.

At 4 p. m. I received another despatch from General McClellan, requesting me not to burn the bridge, but to save it if possible. I immediately despatched Lieutenant Commanding Henry, in the Sebago, up the river, with orders when he should meet the Corwin returning here to send her back in pursuit of the Currituck, and prevent the burning of the bridge.

At 8 p. m. Lieutenant Commanding Patterson, in the Chocura, returned and reported that he had been to West Point; that he had not found any batteries or soldiers at that place, nor at any other point on the river, but found a white flag flying there, and saw white flags flying at many places as he went up the river. I enclose a copy of his report.

At 9.30 p. m. Lieutenant Commanding Henry, in the Sebago, returned, hav-

ing met the Corwin and sent her in pursuit of the Currituck. The Sebago towed down a small schooner and launch captured by the Corwin, having on board four deserters from the rebel camp and five men belonging to small vessels in the transport service, all of whom had given themselves up to the steamer, and whom I have to-day transferred to the provost marshal; also ten negroes who had given themselves up, and whom I have transferred to Colonel Engles, at Yorktown.

This forenoon General Franklin's division are arriving and anchoring here, preparatory to a start up the river to-morrow morning. We will accompany them. The Corwin and Currituck have not yet returned.

I have the honor to be, very respectfully, your obedient servant,

W. SMITH,

Commanding United States Steamer Wachusett.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

UNITED STATES GUNBOAT CHOCURA,

Off Yorktown, Va., May 4, 1862.

SIR: I have the honor to report that, in obedience to your order of this morning, I left Gloucester Point at noon, and at 1.30 was joined by Lieut. Commanding Thomas S. Phelps, in the Corwin.

We proceeded up York river, prepared for action, but found every house deserted, apparently, except by females and negroes. A white flag was displayed as we approached.

Bigelow's wharf we found burning at each end, and in the immediate vicinity, from two buildings, hospital flags were flying. Zantzinger's wood and coal wharf, above Bigelow's and on the opposite side, is destroyed in several places.

On reaching West Point the narrow, intricate channel and shoal water prevented my approaching, and it was too late to do so in boats; but I could easily distinguish the frames of two vessels, (apparently intended for gunboats,) on fire and partially consumed.

Near the point is a small water battery with three embrasures, which was deserted, and, I think, without any armament. Here, also, a white flag was displayed.

There are no obstructions in the channel of the river, nor batteries on its banks.

Very respectfully, your obedient servant,

T. H. PATTERSON,

Lieutenant Commanding.

Commander W. SMITH,

United States Steamer Wachusett, off Yorktown, Va.

Flag-Officer Goldsborough reports sending three vessels up James river and shelling Sewall's Point, May 8, 1862.

UNITED STATES FLAG-SHIP MINNESOTA,

Hampton Roads, Va., May 9, 1862.

SIR: The Galena, Aroostook, and Port Royal (by direction of the President for me to detail the Galena and two gunboats for the purpose) went up James river early yesterday morning.

Also, by direction of the President, our vessels shelled Sewall's Point yester-

day, mainly with the view of ascertaining the practicability of landing a body of troops thereabouts. The Merrimack came out, but was even more cautious than ever. The Monitor was kept well in advance, and so that the Merrimack could have engaged her without difficulty had she been so disposed, but she declined to do it, and soon returned and anchored under Sewall's Point. The Jamestown arrived here yesterday. Her condition is such that I shall have to despatch her to Philadelphia for repairs.

The Cayuga also arrived here yesterday from the Mississippi river with despatches, and left for New York in the evening. The St. Lawrence sailed this morning for Key West.

In all there are now seven of our vessels up the York river, and three of them up the James river. Could I have exercised my own judgment, I should have withdrawn some from the York river, and thus increased the number of those sent up the James.

Our vessels up the James river were no doubt engaged for several hours during yesterday, but whether with the enemy's vessels or with one of his forts on the south side of the river we have not yet ascertained. All the enemy's gunboats that were at Norfolk, eight in number, including the Jamestown and Yorktown, are up the James river, and our three vessels must be this side of them.

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer commanding N. Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

[Telegram.]

Flag-Officer Goldsborough to the President of the United States.

UNITED STATES FLAG-SHIP MINNESOTA,

Hampton Roads, Va., May 9, 1862.

SIR: Agreeably to a communication just received from the Hon. Edwin M. Stanton, I have the honor to report the instructions I gave yesterday to the officers commanding the several vessels detailed to open fire upon Sewall's Point were: that the object of the move was to ascertain the practicability of landing a body of troops thereabouts, and to reduce the works if it could be done; that the wooden vessels should attack the principal works in enfilade, and that the Monitor, to be accompanied by the Stevens, should go up as far as the wreck, and there operate in front on the Merrimack's appearance outside of the wrecks.

The Monitor had orders to fall back into fair channel way and only to engage her seriously in such a position that this ship, together with the merchant vessels intended for the purpose, could run her down, if an opportunity presented itself. The other vessels were not to hesitate to run her down, and the Baltimore, an unarmed steamer of light draught, high speed, and with a curved bow, was kept in the direction of the Monitor expressly to throw herself across the Merrimack, either forward or aft of her plated house; but the Merrimack did not engage the Monitor, nor did she place herself where she could have been assailed by our ram vessels to any advantage, or where there was any prospect whatever of getting at her.

My instructions were necessarily verbal, and in giving them I supposed that I was carrying out your wishes in substance, if not to the letter. The demonstration resulted in establishing the fact that the number of guns at the principal work on Sewall's Point has been essentially reduced, and is not greater now

than about seventeen, and that the number of men now stationed there is comparatively quite limited. The quarters connected with this work were set on fire by our shells, and no doubt seriously injured.

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,
Com. Naval Blockading Squadron.

His Excellency the PRESIDENT of the United States.

Flag-Officer Goldsborough reports the destruction of the Merrimack, &c.

UNITED STATES FLAG-SHIP MINNESOTA,
Hampton Roads, Va., May 12, 1862.

SIR: In the surrender of Norfolk by its civil authorities, day before yesterday, to the forces of our army under General Wool, which landed at Willoughby's Point, nothing but the city itself was given up. Early yesterday morning I witnessed an awful explosion in the direction of Craney island, and inferred immediately that either the works on that island or the Merrimack had been blown up. A few minutes afterwards an officer from the guardship Dakota came on board and informed me that the Merrimack no longer existed, for from the Dakota they had seen her blown to pieces. Supposing from this that Craney island and all the rest of the exterior defences of Norfolk were about to be abandoned, or, if not, that they might be subdued, I immediately ordered the Monitor, Stevens, Susquehanna, Dakota, Seminole, San Jacinto, and Mount Vernon to get under way, and gave them such orders as I judged necessary in the premises. Before they could get off, however, I had despatched my aid, Lieutenant Selfridge, in a tug to proceed off Sewall's Point, and as far above it as he could get with safety, in order to ascertain the real condition of things. He landed at Sewall's Point and hoisted our flag on the works, which he found had been abandoned, but the guns were not spiked. Commander Case, captain of the fleet, went on to Craney island in another tug, and there hauled down two rebel flags and hoisted our own in their places. Our ships proceeded on to Norfolk unmolested, and there the Susquehanna, Seminole, Dakota, and San Jacinto now lie, immediately off the town, and in close proximity with it.

The Monitor and Stevens have both gone up the James river, with orders from me to reduce all the works of the enemy as they go along, spike all their guns, blow up all their magazines, and then get up to Richmond, all with the least possible delay, and shell the city to a surrender.

With the above works reduced, I can keep our vessels supplied with coal, ordnance stores, provisions, &c., without difficulty.

I intended to have discharged to-day the Arago, Illinois, and Ericsson, but the President ordered me not to do it until I should be written to upon the subject from Washington, and gave me his orders why he wished those vessels to be longer detained.

I accompanied the President and Secretaries Chase and Stanton yesterday to Norfolk, on board the Baltimore, but I did not return with the party.

In the afternoon I visited the navy yard and went all over it. It was still burning in very many places. Nearly everything is destroyed. Of the buildings the officers' quarters alone remained intact. There are a large number of iron tanks, however, apparently in perfect condition, a good deal of mast and other timber, a number of old and generally worthless guns, and considerable machinery of one kind or another. The dock gates are all destroyed, and the pier ends connected with the gates have been blown up to a partial degree, but otherwise the dock itself seems uninjured.

The President said to me verbally that he wished all the guns at the forts and dock yards to be removed to Fortress Monroe, and unless he should think proper to communicate to you otherwise, I presume I am to have this work done.

On returning from Norfolk I left our naval forces there under the command of Captain Lardner, an officer in whose discretion and good sense I have great confidence. I gave him full directions as to intercourse, &c., with the shore; but I shall have to go there again to-day or to-morrow, and for several days afterwards, on matters of importance.

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,

Flag-Officer, Commanding North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Flag-Officer Goldsborough encloses reports of engagement with fort on Ward's or Drury's Bluff, eight miles from Richmond.

UNITED STATES FLAG-SHIP SUSQUEHANNA,

James River, Virginia, May 18, 1862.

SIR: I have the honor to enclose herewith the reports of an engagement which took place on the 15th instant between our vessels up this river and a fort of the enemy on Ward's or Drury's Bluff, which fort is at the obstructions that have been placed in the river, and about eight miles from Richmond.

The Stevens went to Norfolk last night to carry seven of the wounded to the hospital; thence to return to Hampton Roads. The force now up this river consists of the Wachusett, Galena, Monitor, Maratanza, Aroostook, Port Royal, and the tug Dragon.

I am, very respectfully, &c.,

L. M. GOLDSBOROUGH,

Flag-Officer, Comm'd'g North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER GALENA,

Off City Point, James River, May 16, 1862.

SIR: I have the honor to report that this vessel, the Aroostook, the Monitor, and Port Royal, with the Naugatuck, moved up the river yesterday, getting aground several times, but meeting no artificial impediments until we arrived at Ward's Bluff, about eight miles from Richmond, where we encountered a heavy battery and two separate barriers, formed of piles and steamboats and sail vessels. The pilots both say that they saw the Jamestown and Yorktown among the number.

The banks of the river we found lined with rifle pits, from which sharpshooters annoyed the men at the guns. These would hinder all removal of obstructions, unless driven away by a land force.

The Galena ran within almost six hundred yards of the battery, as near the piles as it was deemed proper to go, let go her anchor, and with a spring swung across the stream, not more than twice as wide as the ship is long. Then, at 7.45 a. m., opened fire upon the battery.

The wooden vessels, as directed, anchored about thirteen hundred yards be-

low. The Monitor anchored near, and at 9 o'clock she passed just above the Galena, but found that her guns could not be elevated enough to reach the battery. She then dropped a little below us, and made her shots effective.

At five minutes after eleven o'clock the Galena had expended nearly all her ammunition, and I made signal to discontinue the action. We had but six Parrott charges, and not a single filled nine-inch shell. We had thirteen killed and eleven wounded.

The rifled one hundred-pound Parrott of the Naugatuck burst, half of the part abaft the trunnions going overboard. She is therefore disabled.

The Galena and Monitor can, with a supply of ammunition, silence the battery at Hardin's Bluff. The result of our experiment with the Galena I enclose. We demonstrated that she is not shot proof. Balls came through, and many men were killed with fragments of her own iron. One fairly penetrated just above the water-line, and exploded in the steerage. The greater part of the balls, however, at the water-line, after breaking the iron, stuck in the wood. The port side is much injured—knees, planks, and timbers started. No shot penetrated the spar deck, but in three places are large holes—one of them a yard long and about eight inches wide, made by a shot which, in glancing, completely broke through the deck, killing several men with fragments of the deck plating. The Galena should be repaired before sending her to sea. I would suggest the Washington navy yard, since so many people there have an interest in iron plating, and she so well shows the effect of various shot. No gun is disabled, but we need ammunition.

On James river an army can be landed within ten miles of Richmond, on either bank. We command City Point, and are ready to co-operate with a land force in an advance upon Petersburg. In going up James river, above this point, it will be desirable to protect the crew from sharp shooters upon the river. They annoyed us. To command important points, and prevent the reoccupation of old Fort Powhattan, at Hood's, more vessels are needed. Some should continually pass up and down the river, to prevent the erection of new batteries.

I cannot too highly commend the cool courage of the officers and crew. Lieutenant Newman, the executive officer, was conspicuous for his gallant and effective services. Mr. Washburne, acting master, behaved admirably. These are selected from among the number.

The Aroostook, Port Royal, and Naugatuck took the stations previously assigned them, and did everything that was possible. The Monitor could not have done better.

The barrier is such that vessels of the enemy, even if they had any, probably cannot pass out; ours cannot pass in.

I have the honor to be your obedient servant,

JOHN RODGERS,

Commander United States Navy.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

UNITED STATES STEAMER GALENA,

Near City Point, May 16, 1862.

SIR: I have the honor to submit to you the following report of the killed and wounded in the action at Ward's Bluff, near Richmond, May 15, 1862:

United States steamer Galena.—Killed: Thos. Ready, captain foretop; James H. Weber, third class boy; Michael Maney, landsman; Martin Milbery, landsman; John Smith, ordinary seaman; Robert Boyd, ordinary seaman; Richard A. Adams, seaman; John Quig and William H. Horton, ordinary seamen; John

Russell, landsman; Joseph Johnson, private marine; Jared D. Boorum, gunner; David Patterson, landsman. Wounded: John O'Conner, third class boy burned and wound of ankle joint; William Stevens, seaman, not seriously; George McDonnell, seaman, slightly; Thomas Finnigan, seaman, arm seriously injured; Henry Watson, ordinary seaman, slightly; William Harrison, landsman, slightly; Thomas Clark, landsman, slightly; Diedrich Vissar, seaman, slightly; Andrew McCleary, acting master's mate, not seriously; Owen Doherty, coal-heaver, mortally; Frederick W. Johnson, first class boy, not seriously.

Port Royal.—Wounded: George Morris, commander, flesh wound of right leg.

Naugatuck.—Wounded: James Wilton, musket shot, not serious; Peter Dixon, not seriously.

Respectfully, your obedient servant,

RANSFORD E. VAN GIESON,
Assistant Surgeon U. S. Steamer Galena.

Commander JOHN RODGERS.

UNITED STATES STEAMER GALENA,
Off City Point, James River, May 16, 1862.

SIR: In obedience to your order of this day, I have the honor to submit the following report of the condition of this ship's hull:

On the port side her bulwarks, between ports Nos. 5 and 6, are started in about an inch, and the timbers broken. Thirteen shot and shell have perforated her side, splintering considerably. Forward of No. 1 port the bulwarks are badly shattered. Several hanging knees are started off from side and spar deck beams; many seams are opened in the side, and the gun deck, beneath the guns, will require caulking.

In forward room of wardroom the hanging knee is started about 2½ inches, and the side injured. In forward part of steerage a shell perforated the side and started the hanging knee about two inches. In after room a diagonal knee is slightly started, and the air port stove in. In the coal bunkers the side is also injured.

On spar deck several glancing shot have made indentations in the iron plates and broken deck planks; in two instances apertures, about 18 inches by 4 inches, have been made. The hammock-netting is shattered; the wheel is injured, one boat davit gone, and several awning and rail stanchions. The armor is started from the stem, also at the junction of the bars on the stem, and on the starboard quarter, near port No. 8.

Respectfully, your obedient servant,

L. H. NEWMAN,
Executive Officer.

Commander JOHN RODGERS,

Commanding United States naval forces in James River.

UNITED STATES IRON-CLAD STEAMER MONITOR,
James River, Virginia, May 16, 1862.

SIR: I submit the following report of the movements of this vessel during the action of yesterday:

Shortly after weighing anchor from our position near Kingsland creek, a sharp fire of musketry was commenced from both banks on all the ships.

At half past seven I discovered an extensive fortification on an elevation of about two hundred feet, with several smaller batteries, all apparently mounting guns of the heaviest calibre; at the foot of the bluff in the river an obstruction, formed of sunken steamers and vessels, secured with chains, and the shallow water piled across the river.

The Galena, having anchored at about one thousand yards from the fort, and being warmly engaged, I endeavored to pass ahead of her to take off some of the fire, but found that my guns could not be elevated sufficiently to point at the fort. I then took position on the line with the Galena, and maintained a deliberate fire until the close of the action, when, in company with the other vessels, I dropped down to the anchorage of the morning.

The fire of the enemy was remarkably well directed, but vainly, towards this vessel. She was struck three times—one solid 8-inch shot square on the turret, two solid shot on the side armor forward of the pilot house. Neither caused any damage beyond bending the plates. I am happy to report no casualties.

In conclusion, permit me to say that the action was most gallantly fought against great odds, and with the usual effect against earthworks. So long as our vessels kept up a rapid fire they rarely fired in return, but the moment our fire slackened they remanned their guns. It was impossible to reduce such works, except with the aid of a land force.

Very respectfully, your obedient servant,

WILLIAM N. JEFFERS,
Lieutenant Commanding.

Commander JOHN RODGERS,
Commanding James River Flotilla.

UNITED STATES REVENUE STEAMER E. A. STEVENS,
City Point, May 16, 1862.

SIR: I have the honor to report that in yesterday's attack upon the enemy's battery at Ward's hill, near Richmond, Virginia, I placed the vessel under my command in the position assigned me by you in the line of attack, and opened fire upon the battery, which I continued until the bursting of our gun.

While getting into position during the bombardment, and while falling back with the squadron, this vessel was under quite a heavy fire of musketry, which was constantly returned by us with shell and canister from our light broadside guns.

I have likewise to report to you that two of my crew are wounded—one by a musket shot through the arm and the other by a severe contusion. They have been sent on board the Port Royal for surgical treatment. My officers and crew behaved to my entire satisfaction.

I would respectfully request that you appoint a board of officers to examine into and report upon the cause of the bursting of our Parrott gun.

I am, sir, very respectfully, &c.,

D. C. CONSTABLE,
Lieutenant Commanding.

Commander JOHN RODGERS,
Commanding U. S. naval forces in James River, Va.

Flag-Officer Goldsborough reports James River open from mouth to Ward's or Drury's bluff.

UNITED STATES FLAG-SHIP SUSQUEHANNA,
James River, Virginia, May 18, 1862.

SIR: In consequence of a report from Commander Rodgers that there were two batteries on the south side of this river—one at Rock Wharf landing and the other at Hardin's Bluff or Mother Pine's landing—which required reducing in order to open the river and get supplies up to him, of which he was about to stand in need, I moved up to them yesterday with this ship, the Wachusett, Dakota, Maratanza, and tug Young America, but found that both had been recently abandoned and left comparatively in a useless condition. At Hardin's Bluff the guns were spiked, carriages burned, and magazines blown up, but a little below a solitary gun remained intact, and this we put out of use.

At Rock Wharf landing the guns were also spiked and carriages burned, but neither the magazines nor bomb-proofs had been destroyed. This I ordered to be done, and it was effectually accomplished.

The James river is now open from its mouth up to Ward's or Drury's Bluff, or, in other words, up to within eight miles of Richmond, where, as you will perceive by Commander Rodgers's report of his fight, it is seriously obstructed.

* * * * *

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,
Flag-Officer, &c.

Hon. GIDEON WELLES,
Secretary of the Navy.

Commander Rodgers reports gallant conduct of officers and crew in action at Drury's Bluff, May 15, 1862.

UNITED STATES STEAMER GALENA,
Off City Point, May 26, 1862.

SIR: In my report of the 16th instant I omitted to mention the gallant conduct of the officers and crew during the action of the 15th, at Drury's Bluff, near Richmond. I was not conscious of the omission until I saw my report in print. It originated in the haste with which I wrote, and I now endeavor to repair my neglect.

Acting Master Benjamin W. Loring handled his division with great bravery. The port side of his after gun was three times manned afresh, all the men having been twice either disabled or killed.

Mr. J. W. Thomson, first assistant engineer, coolly repaired some of the valve gear which broke down, under fire, and under his direction a fire in the steerage, caused by an exploding shell, was extinguished before the regular firemen reached the place.

Mr. T. T. Millholland, third assistant engineer, in charge of the steam fire department, was active and efficient; as a sharpshooter he did good service. Mr. Jenks, master's mate, in charge of the small arm men, was very useful. A number of the enemy's sharpshooters were shot—six, at least, were counted.

The marines were efficient with their muskets, and they, with the coal-heavers, when ordered to fill vacancies at the guns, did it well.

Charles Kenyon, fireman, was conspicuous for persistent courage in extract-

ing a priming wire, which had become bent and fixed in the bow gun, and in returning to work the piece after his hand, severely burnt, had been roughly dressed by himself with cotton waste and oil.

To particularize the good conduct of the crew is difficult; where the men behaved so well it is impossible to mention names without sending a muster-roll. Yet, Jeremiah Regan, quartermaster and captain of No. 2 gun, attracted my particular attention. Born in Massachusetts, he has been eleven years at sea—seven of them in the navy. He is respectable in his conduct, intelligent, and educated. I beg leave therefore to recommend him for an appointment as master's mate.

Mr. Boorum, the gunner, who was killed by the fragment of a shell at the close of the action, was cool and efficient. The supply of ammunition was admirably arranged. The executive officer speaks of his assistance in warm terms. In him the service has lost a very valuable officer.

I have the honor to be your obedient servant,

JOHN RODGERS, *Commander.*

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

Lieutenant Commanding Flusser's report of destruction of rebel stores, recovery of Wade's Point light-house apparatus, &c., &c., in May, 1862.

UNITED STATES STEAMER COMMODORE PERRY,

Off Elizabeth City, N. C., May 18, 1862.

SIR: Hearing from Colonel Hawkins, commanding at Roanoke island, that there was a quantity of stores belonging to the rebel army at a point on the Chowan river, I placed the Shawsheen at his disposal to convey a company of soldiers to the spot for its destruction.

The expedition arrived at its destination early in the morning of the 6th instant, and succeeded in destroying some fifty thousand dollars' worth of bacon, lard, &c. I send with this Acting Master Woodward's report of the affair.

On the afternoon of the 12th instant I received information of the whereabouts of the Wade's Point light-house apparatus. On the same night I proceeded in the Morse six miles above this place, landed with seventy-six seamen and thirty-eight soldiers from the Commodore Perry, Morse, Stars and Stripes, and Commodore Barney, marched at quick time three miles into the country; found the articles stowed in a man's barn, pressed his teams and others from his neighbors into service, and brought the whole apparatus in one trip to the Morse. No private property was touched. To prevent information of our movement reaching some rebel cavalry which was reported in the neighborhood, I arrested all the men met on the route, and forced them to accompany us. On our return they were released.

On the evening of the 13th instant, with the Lockwood and Ceres in company, I proceeded, by your order, with this vessel to Roanoke river. At five o'clock next morning we were abreast of Plymouth, where we stopped five minutes to examine some wagons; finding nothing suspicious we pushed on. Two miles above Jameston the river makes a sharp turn to the right, and here my pilot told me I could go no further. I therefore placed him on board of the Ceres, and ordered the Ceres and the Lockwood to pursue with all speed the steamer Alice, which some people on the bank informed me had passed up an hour ahead of us. I returned to Jameston and made an unsuccessful search for rebel army stores. Some two hours after separating from the two other boats, hearing the sound of a great gun up the river, I resolved to go up at all hazard,

as I feared they might have been fired into from the banks by musketry. We went along at full speed for several miles without difficulty until we met the other boats returning, the Ceres having captured the Alice about two miles below Williamston.

The prize had on board some bacon for the rebel army, (which has since, by your order, been distributed to the different vessels of the fleet,) and the church bells of Plymouth, which had been presented to or seized by the confederate government to be cast into field-pieces.

We returned to Plymouth, searched the custom-house, and found in it the lantern from the light-boat at the mouth of Roanoke river. It was carried on board of the Commodore Perry. There was no other United States property in the town, and none belonging to the rebels. The Roanoke river is much dreaded by the pilots; but so high as we went we found not much current, no stumps nor snags, and plenty of water. I have been informed by one who professes to know the river well, that the Commodore Perry can go seventy miles above Plymouth.

On the day after visiting Plymouth I proceeded, by your order, up the Cashie river in the Lockwood, with the Shawsheen, Ceres, and Whitehead in company, to Windsor. The passage up was most tedious. The river is deep, but very narrow and remarkably crooked. We had frequently to cut away the overhanging limbs to make a way for the boats. The people were astonished when we appeared off the village; they knew that we were in the river, but no one thought we would reach so high a point.

* * * * *

Yesterday afternoon I ran over to this place. To-day I had an interview with the mayor of Elizabeth, and told him what I should expect and require of the citizens. He asked me to put in writing what I said to him, and I wrote him a note, of which I sent you a copy this afternoon by Lieutenant Commanding McCook, of the Stars and Stripes.

He came on board afterward with a Union citizen of the place, a Mr. Grandby, and asked me to grant him till Wednesday evening next to answer the note, saying that the citizens thought the subjects mentioned of importance; that they had decided to call a meeting of the gentlemen of the county; that the county was thirty miles long, and several days would be required to assemble the people. Their request was granted, and so the thing stands. I promised, on their request, to attend the meeting. What they find in the note of importance to affect the interest of any one beyond the immediate residents of Elizabeth I cannot understand, unless they misapprehend my meaning when I say "I insist that the people be allowed to trade with us unmolested," and suppose me to intend the general resumption of the trade of the port, when I only mean that the farmers and others be permitted to sell to us, (the gunboats,) unmolested, poultry, eggs fish, vegetables, &c. However, we will find out at the meeting; and, if they offer me the opportunity, I shall address a few remarks to them that will cause their ears to tingle.

Very respectfully, &c., your obedient servant,

C. W. FLUSSER,

Lieutenant Commanding.

Commmander S. C. ROWAN,

Com'g U. S. naval forces, inner waters of N. Carolina, Newbern, N. C.

P. S.—I think the loyal people are two to one against the disloyal at this place, at Plymouth, and at Windsor; but they have no arms, no ammunition. If these were given them, with our aid the State would soon return to her allegiance.

UNITED STATES STEAMER SHAWSHEEN,
Off Elizabeth City, May 10, 1862.

SIR: In obedience to your orders, on the 6th instant I went to Roanoke island, took on board one company of Colonel Hawkins's 9th New York regiment, and proceeded up the Chowan river to Gates county, landed all our forces and destroyed a large quantity of bacon, corn, lard, fish, &c., belonging to the Confederate States government, by setting fire to the warehouse and consuming the whole. On our way to the steamer the rear guard was attacked by about thirty rebel cavalry; when their leader was shot, they turned and fled; when all our men embarked again, and immediately I proceeded back to Roanoke island and landed the troops, then returned back to Elizabeth City again on the 8th instant.

I have the honor to be, very respectfully, your obedient servant,

CHAS. J. WOODWARD,
Acting Master, Commanding.

Lieutenant C. W. FLUSSER,
Com'g Naval Division, Albemarle Sound, N. C.

Flag-Officer Goldsborough, enclosing Lieutenant Commanding Murray's report of expedition up Pamunky river, May 17, 1862.

UNITED STATES FLAG-SHIP MINNESOTA,
Hampton Roads, Va., May 24, 1862.

SIR: * * * * *

Herewith I transmit a second copy, and with it I submit the following brief extract from a despatch, dated May 7, from Commander Smith, which was the first notice I received of the matter. It was written at West Point:

"About 1 p. m. to-day some of the enemy opened fire from some field pieces placed on a hill on the left flank of the camp. Our vessels immediately commenced shelling them, and, in a few minutes, they retired, no damage having been done to our people."

I also transmit herewith, in obedience to your instructions of yesterday, a copy of a report from Lieutenant Commanding Murray, received yesterday afternoon, concerning the late expedition up the Pamunkey river.

I am, very respectfully, your obedient servant,

L. M. GOLDSBOROUGH,
Flag-Officer, Com'g N. A. Block'g Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER SEBAGO,
White House, Virginia, May 18, 1862.

FLAG-OFFICER: Yesterday morning I took the Currituck, Acting Master Shankland, and accompanied by a small transport steamer, the Seth Low, having on board two companies of infantry and a company of sharpshooters, under the command of Major Willard, two Parrott guns from Ayres's battery, prepared to be used from the bow or the stern of the vessel, and a detachment under Captain Ayres.

With this force we pushed through the obstructions at the burnt bridge and ascended the Pamunkey river in pursuit of the enemy's transports. We en-

countered many difficulties, such as sunken vessels, trees felled across the river, &c., but no batteries. As we neared a place called Bassett's Landing, about twenty-five miles above the White House, we saw the evidence of a conflagration in advance, and heard from the negroes along the banks that the enemy, getting wind of our approach, had returned on board the vessels such stores as he had landed and was unable to take away, and fired his fleet.

About a mile from the burning vessels we met with an impenetrable obstruction. A schooner laden with stone was sunk across the stream, and the river had become so narrow that either end of her was wedged by the trees.

Major Willard landed here with his force of infantry and sharpshooters, and marched up the left (east) bank, that the number and class of vessels burned might be known. This must have been a severe blow to the enemy, who had commenced landing his stores. Evidences of a hurried departure were manifest. Shovels, picks, and other implements with which they had been levelling the bank were strewn about. The number of vessels burned was (as near as their burning hulks could be counted) seventeen, viz: One large side-wheel steamboat, (the Logan,) one propeller, and fifteen schooners.

We were compelled to return stern foremost for several miles before we had room in the river to turn. Lieutenant Commanding Somerville Nicholson accompanied us on this expedition, the results of which I hope will be satisfactory to you. The enemy appeared on several occasions, but at a considerable distance, which without loss of time they increased. We returned at nightfall, without accident.

Acting Master Shankland handled his vessel with admirable skill, and her rescue from many positions of embarrassment is due to his seamanship. To Lieutenant Commanding S. Nicholson, who volunteered his services on this occasion, and was so eminently useful in sounding through the obstructions in advance of the vessel, special thanks are due.

The steamer Seth Low, with the commands of Major Willard and Captain Ayres on board, was more than useful; she was a necessity.

I am, very respectfully, your obedient servant,

A. MURRAY,

Lieutenant Commanding Forces in York and Pamunky Rivers.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading Squadron.

Flag-Officer Goldsborough, enclosing reports of services rendered the army at West Point, Virginia, on the 7th May.

MAY 31, 1862.

I beg to forward these reports with regard to the very essential service afforded by our gunboats in York river, in assisting our army when attacked at West Point. They have but just come to hand.

Very respectfully,

L. M. GOLDSBOROUGH,

Flag-Officer.

HON. SECRETARY OF THE NAVY,

Washington City, D. C.

UNITED STATES STEAMER WACHUSETT,

West Point, York River, May 12, 1862.

SIR: In my communication of the 1st instant I informed you that an attack had been made on that day on the left flank of our army, and that our vessels shelled the enemy's artillery, which were posted on a hill to the left, forcing

them to retire very precipitately. This was all that we could see from the ship. I have since learned from some of the army officers engaged in the affair that the shelling from our ships was very destructive to the enemy, causing them to retreat so rapidly that they left many of their killed and wounded on the field. Indeed, many of them gave the credit of the victory or repulse to the ships; for without them, they say, our forces could not have withstood the attack, but would have been compelled to fall back on the camp.

* * * * *

Very respectfully, your obedient servant,

W. SMITH,

Commanding United States Steamer Wachusett.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding North Atlantic Blockading

Squadron, Hampton Roads, Virginia.

UNITED STATES STEAMER WACHUSETT,

City Point, James River, May 29, 1862.

SIR: I forward, herewith, a copy of a report handed to me to-day by Lieutenant Commanding T. H. Stevens, of the United States steamer Maratanza. At the time the attack referred to in the report was made by the rebel forces on General Franklin's division this ship was anchored off the lower part of the landing. The Chocura was above, near the mouth of the Pamunky; the Sebago was getting under way from the upper part of the anchorage, to accompany the Corwin up the Mattaponi; and the Maratanza and Marblehead were a short distance below, on their way from Queen's creek; the latter aground, and the former assisting in getting her off. I made signals to the Currituck to go to the assistance of the Marblehead, and to the Sebago and Maratanza to take a position near this ship. The enemy were seen with field pieces on a hill side, firing at our troops, who were hid from our sight by intervening woods. A few discharges of shell from the Wachusett, Maratanza, and Sebago, silenced the enemy, and drove them hastily from their position, saving our army, as I have understood through army officers, from total defeat.

It seems that the gunboats rendered a much more important service to the army than we on board were, at the time, aware of; and I only reported that an attack had been made on General Franklin's forces by the rebels, who were shelled by the gunboats and dispersed, as that was all that could be seen from this ship.

Had I known at the time the valuable services rendered by the gunboats I would have reported it, as a knowledge of it might have been of some advantage to us.

I have the honor to be, very respectfully, your obedient servant,

W. SMITH,

Commanding United States Steamer Wachusett.

Flag-Officer L. M. GOLDSBOROUGH,

Commanding N. A. B. Squadron, Hampton Roads.

UNITED STATES STEAMER MARATANZA,

Off West Point, Va., May 7, 1862.

SIR: About 11.15 this morning, hearing the sound of heavy firing in the rear of this place, I proceeded on board the Wachusett, for the purpose of finding means to join my command, which I had passed on my way to report to

you, and to receive your instructions. About half-past eleven, General Franklin telegraphed for the assistance of the gunboats, stating that he was attacked by a large force of the enemy, and wanted immediate support. At this time the Maratanza was anchored about two and a half miles below, engaged in towing off the Marblehead.

Receiving your orders to go aboard the Maratanza, and bring that vessel into action, I proceeded at once in your gig for this purpose. Immediately upon getting on board, I weighed anchor, cleared for action, and when abreast of and as close to the position of the enemy as we could get, I opened fire with the 100-pounder Parrott; about which time the Sebago also opened. The fire was kept up for about three quarters of an hour, (this vessel remaining under way,) with terrible and telling effect upon the enemy, whose fire soon began to slacken, and they commenced retreating. At 2.22 p. m., ceased firing, and anchored.

It is the generally received opinion—so I gather from the officers and men composing General Franklin's command—that the accurate and destructive fire of the gunboats was greatly instrumental in saving the army from serious reverse and disaster. I found the use of the army signals, on this occasion, invaluable.

Very respectfully, your obedient servant,

T. H. STEVENS,

Lieutenant Commanding.

Commander WILLIAM SMITH,

Commanding U. S. Steamer Wachusett, Senior Officer present.

Lieutenant Commanding McCrea's report of the engagement of the Jacob Bell at Watkins's bluff, June 20, 1862.

UNITED STATES STEAMER JACOB BELL,

James River, June 21, 1862.

SIR: I respectfully submit the following:

Yesterday, in obedience to your orders, I proceeded with the despatches up the river to the Monitor. On passing the Reed bluff, known as Watkins's bluff, I was opened upon by two field-batteries, three guns each, of 12-pounders and 6-pounders, and about five hundred sharpshooters.

The channel being very narrow, and, being obliged to go within a few feet of the bluff, I suffered severely. The hail of bullets from the sharpshooters prevented me for a time from responding, as, having no covering for my men at the battery, I would not expose them to the heavy fire. A shot, however, came and carried away my rudder-chain, and my vessel got ashore in front of the batteries. I was determined to go by, so manned my guns, steamed on, and forced her over. The field-batteries were so masked that I could not see them till opened upon, though the upper battery raked me as I headed towards it, which, from the nature of the river, I had to do; but we stood on, under their fire, for five minutes, which I considered better, as I had no idea of retreating until my duties were performed, and as long as my vessel lasted. As soon as I got up to the upper battery the lower battery raked me aft, doing more damage to my upper works than the other. I think I should not have been damaged so much had it not been for my getting ashore in front of them, giving them but a few feet between me and their guns. The officers and men behaved with their accustomed coolness and efficiency, and promptly responded to the order "man the battery," though under a heavy fire of musketry. A shot has penetrated the flange of the port wheel, cracking it in several places. It will not do for me to be in any seaway, as I will lose my wheel. The star-

board side of my pilot-house was carried away, together with two iron plates; in fact, my upper works are completely riddled. One shot struck the valve-stem, bending it, which sloughed us down, fortunately not stopping the engine.

As you ordered me to return after delivering the despatches, I passed down again after night, but was not fired at. Ten shots in all struck the vessel, to say nothing of the quantity of rifle bullets in the wood-work.

Very respectfully, your obedient servant,

E. P. McCREA,
Lieutenant Commanding.

Commander JOHN P. GILLIS,
Commanding Naval Forces, James River, Va.

P. S.—I am thankful to say not one on board was injured. The battery was a *flying battery of artillery*, and, as I afterwards learned, was limbered up and moved off, which accounts for my not being fired upon coming down.

E. P. McC.

*Lieutenant Commanding Flusser's report of expedition to Hamilton, N. C.,
July 9, 1862.*

UNITED STATES STEAMER COMMODORE PERRY,
Plymouth, North Carolina, July 11, 1862.

SIR: At 2 a. m. on the 9th instant I left this place for Hamilton, having on board Captain W. W. Hammell, company F, 9th New York volunteers, with twenty of his men, with the steamers Shawsheen and Ceres in company, the latter having on board Second Lieutenant Joseph A. Green, of Captain Hammell's company, and ten of his men, the former with ten of the same company, under command of Sergeant Green.

About 1 o'clock we were fired on from the south bank of the river by musketry. Returned the fire with great guns and small arms, and pressed on for Hamilton, where I hoped to meet the enemy in force. We were under fire for two hours, running very slowly and keeping a bright lookout for a battery. Two or three miles below Hamilton we found a deserted battery.

At Hamilton we landed with about one hundred men, soldiers and sailors, and one field-piece; but the rebels, who fired on us from high banks, where they were comparatively safe, were afraid to meet us.

The steamer Wilson, belonging to the rebels, ran into our hands at Hamilton and was taken possession of.

The officers and men, both soldiers and sailors, behaved with great spirit. Our loss was one killed and ten wounded; one of the wounded has since died. As the banks were high and the enemy cautious of exposing their persons, I cannot hope that they received much injury.

On our return we shelled the banks, but without reply. The Wilson I shall send to Newbern, as soon as her wheel can be repaired. I send you the reports of Acting Masters McDiarmid and Woodward, who commanded, respectively, the Ceres and Shawsheen.

I have the honor to be, sir, very respectfully, your obedient servant,

C. W. FLUSSER,
Lieutenant Commanding.

Commander S. C. ROWAN,
Commanding United States Naval Forces, Inner Waters, N. C.

List of killed and wounded on board United States steamer Commodore Perry, in the action near Hamilton, N. C., July 9, 1862.

Killed, none. Wounded: Stephen Jones, contraband.

NOTE.—July 10, 1862. Jones has since died.

Very respectfully, &c.,

C. W. FLUSSER,
Lieutenant Commanding.

Commander S. C. ROWAN,
Commanding United States Naval Forces in Albemarle Sound.

UNITED STATES STEAMER CERES, *July 10, 1862.*

SIR: In obedience to orders received from you on the evening of the 8th instant, I took on board Second Lieutenant Joseph Green and ten men belonging to company F, 9th New York volunteers. At 2 a. m. 9th instant got under way, and proceeded up Roanoke river towards Hamilton. When within a few miles of Hamilton was fired on by the enemy from the left bank with small arms. Returned fire with great guns and small arms. This firing was kept up on both sides until within half a mile of Hamilton. Lieutenant Green was wounded in the leg by the first volley, but sat on deck and loaded the muskets for his men. I beg to call your attention to the good conduct and soul-bravery of Alexander Hood, quartermaster, and John Kelly, second-class fireman. I send you herewith a report of killed and wounded.

Very respectfully, your obedient servant,

JOHN McDIARMID,

Acting Master, Commanding United States Steamer Ceres.

Lieutenant-Commanding C. W. FLUSSER,
*Commanding United States Naval Forces in
Albemarle Sound, North Carolina.*

List of killed and wounded on board the Ceres in the affair of the 9th instant, near Hamilton.

Killed.—John H. Bridges, seaman.

Wounded.—Second Lieutenant Joseph Green, 9th New York volunteers; Thomas Rodgers, boatswain's mate; Manuel Silva, seaman, dangerously; John J. Dennison, seaman, severely; George N. Waterman, ordinary seaman, slightly; Timothy Dacey, ordinary seaman, slightly; Edwin B. Perry, landsman, slightly; Nicholas Wayson, coal-heaver, slightly.

UNITED STATES STEAMER SHAWSHEEN,
Off Plymouth, North Carolina, July 11, 1862.

SIR: I have the honor to submit to you the following report of the part taken by this vessel in the expedition up Roanoke river to Hamilton, on the 9th instant. I left Plymouth at 2 a. m. in company with United States steamers Commodore Perry and Ceres, and proceeded up the river. At 12 m. came to a barricade, which was passed through without any trouble. At 1 p. m. we were

attacked by several bodies of riflemen, about two miles below Hamilton, on some high bluffs of land. Their fire was returned briskly, using our great guns whenever we could get sufficient elevation. We pushed on, shelling the banks of the river as we went, until we reached Hamilton. Thomas Smith, captain of gun, was severely wounded, shot through the neck; two others slightly wounded. I landed ten of the 9th New York Zouaves and twelve seamen; visited the town of Hamilton; found it nearly deserted by the inhabitants; returned on board at 5.30 p. m., and at 6 p. m. left for Plymouth, shelling the woods as we came for about four miles; arrived at Plymouth without having her fired on coming down the river. All on board acted in a most creditable manner while under the fire of the enemy.

Very respectfully, your obedient servant,

THOMAS J. WOODWARD,

Acting Master, Commanding.

Lieutenant C. W. FLUSSER,

Commanding Naval Forces, Albemarle Sound, N. C.

UNITED STATES STEAMER SHAWSHEEN,

Off Plymouth, July 11, 1862.

SIR: I have the honor to report to you that in the engagement on the 9th instant, Thomas Smith, seaman, captain of gun, was seriously wounded, being shot through the neck; Jarvis Wilson, pilot, and Ross Jordon, colored boy, were slightly wounded by spent balls.

Expended seventy-four rounds of ammunition for great guns, and ten rounds small-arm ammunition.

Very respectfully, your obedient servant,

THOMAS J. WOODWARD,

Acting Master, Commanding.

Lieutenant C. W. FLUSSER,

Commanding Naval Forces, Albemarle Sound, N. C.

Report of operations of gunboat Louisiana during attack on Washington, North Carolina, September 6, 1862.

UNITED STATES FLAG-SHIP MINNESOTA,

Norfolk, Virginia, September 17, 1862.

SIR: I have the honor to enclose herewith a copy of a report, dated September 8, from Acting Lieutenant R. T. Renshaw, commanding United States gunboat Louisiana, relative to the operations of that vessel during an attack on the town of Washington, North Carolina, on the morning of September 6. In enclosing this report to me, Commander Davenport remarks:

"From all that I can learn, we would have met with serious disaster but for the effective services of the Louisiana. In this connexion, I beg leave to commend to your favorable consideration the good conduct of Acting Master Hooker, who has, on a previous occasion, been wounded in the faithful performance of his duty."

I am, very respectfully, your obedient servant,

S. P. LEE, *Acting Rear Admiral,*

Commanding North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

GUNBOAT LOUISIANA,
Washington, N. C., September 8, 1862.

SIR: I have respectfully to inform you that on Saturday, at 4.30 a. m., the 6th instant, the enemy attacked this town, and gained an entrance. Went to quarters immediately; at 5.30 a. m., received volleys of musketry across our decks, when we opened fire with shell, grape, and solid shot, doing great execution, killing a number of rebels, and finally driving them back. At 6.30 a. m. the Louisiana continued shelling, throwing over the town and among the retreating enemy, killing and wounding many. At 8 a. m., having driven them from the reach of our guns, ceased firing and piped down.

During the action, the army gunboat Picket blew up, killing her captain and eighteen men; the remainder of the crew were brought on board this vessel, and attended by Assistant Surgeon Bradley. It gives me pleasure to testify to the handsome manner in which our guns were managed by Acting Master Hooker, of this vessel. The crew have received my thanks.

Ammunition expended.

Sixty-one 8-pound charges; eighteen 5-second 8-inch shells; twelve 5-second 32-pound shells.

Thirteen 4½-pound charges; three 10-second 8-inch shells; thirteen 10-second 32-pound shells.

Two 1-pound charges; two 15-second 8-inch shells; five 15-second 32-pound shells.

2 rifled howitzer shells; 4 (8-inch) stands of grape; 10 (32-pound) stands of grape; 7 (32-pound) solid shot.

I am, sir, very respectfully, your obedient servant,

R. T. RENSHAW,
Acting Lieutenant Commanding.

Commander H. K. DAVENPORT,
Senior Officer, Sounds of North Carolina.

Acting Rear Admiral Lee's report of the joint expedition against Franklin Virginia, October 3, 1862.

UNITED STATES FLAG-STEAMER PHILADELPHIA,
Hampton Roads, Virginia, October 26, 1862.

SIR: I have the honor to transmit herewith copies of the official reports, (which have just reached me,) in relation to the joint expedition against Franklin, Virginia, on the 3d instant.

The department will perceive that Lieutenant Commander Flusser (senior officer present) displayed his usual gallantry, and that the officers and crew of the three gunboats did their parts well, under very trying and difficult circumstances. Our loss was four killed and fifteen wounded. Lieutenant Commander Flusser commends the good conduct of Acting Lieutenant Edmund R. Colhoun, commanding the Hunchback, and of Acting Master Charles A. French, commanding the Whitehead. I recommend these officers to the favorable notice of the department. Lieutenant William B. Cushing has been put in command of the gunboat Ellis, and is increasing his reputation by active operations.

I have instructed Commander Davenport to have Acting Third Assistant

Engineer Richards, whose conduct is very favorably reported upon by Lieutenant Commander Flusser, to be examined with a view to his promotion. * *

I have the honor to be, sir, very respectfully, yours, &c.,

S. P. LEE,

Acting Rear Admiral, Com'ding North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER COMMODORE PERRY,

Plymouth, North Carolina, October 6, 1862.

SIR: In obedience to your order, and in compliance with the wishes of Major General Dix, I started for Franklin to co-operate with the army, on the 1st instant, from this place. We shelled the town on the morning of the 3d from a position about three-quarters of a mile below, and fought the enemy on the banks from about 7 a. m. till 10.15 a. m. Hearing nothing of the army there, the river being barricaded ahead of us, and it being a very unequal fight, I thought it best to return. The troops were nearly all on the south or right bank of the river, so the army, to protect me from their sharpshooters, would first have to cross the stream.

General Pettigrew commands at Franklin. Our loss was quite heavy. I do not think I can be of the least service to the army, and I think the enemy by this time suspect that they are to be attacked.

I shall send, through Commander Davenport, a full report of the affair.

The enemy attempted to blockade the river in our rear, and would have succeeded had we remained above a few hours longer. Without an order from you I shall not attempt it again, as suggested in General Dix's latter note.

It is folly to fight these people on the banks, where they have every advantage, and can drive the men from the great guns. The last fire received from the enemy on our return (and they made use of every favorable point to give it to us) was about 2.30 p. m.

I have the honor to be, very respectfully, your obedient servant,

C. W. FLUSSER,

Lieutenant Commander.

Acting Rear Admiral S. P. LEE,

Commanding North Atlantic Blockading Squadron,

United States Ship Minnesota, Newport News, Virginia.

P. S.—I neglected to mention that the other boats were the Hunchback and the Whitehead.

LATER.—I have just heard that the enemy expect an attack on Franklin, and have gone off to Petersburg. I cannot answer for the truth of this report. I only know there were troops at Franklin on the 3d.

UNITED STATES STEAMER HETZEL,

Off Newbern, N. C., October 15, 1862.

SIR: I enclose herewith the reports of Lieutenant Commander Flusser, Acting Lieutenant Colhoun, and Acting Master Commanding French, concerning the action on Blackwater river, near Franklin, on the 3d instant.

While I cannot praise too highly the gallantry and heroism displayed by officers and men on the occasion, I think it extremely hazardous for our gun-

boats, unprotected as the men are by bulwarks or any other defence, to go on expeditions up these narrow and tortuous rivers.

I have the honor to be, very respectfully, your obedient servant,

H. K. DAVENPORT,

Commander and Senior Naval Officer in Sounds of North Carolina.

Acting Rear Admiral S. P. LEE,

Com'g North Atlantic Blockading Squadron, Newport News, Va.

UNITED STATES STEAMER COMMODORE PERRY,
Plymouth, North Carolina, October 6, 1862.

SIR: On the evening of the 26th ultimo I received a despatch from Major General Dix, asking me to co-operate with him in an attack on Franklin. The officer who brought the despatch was authorized to arrange the time of attack, and it was agreed between us that it should be at 6 a. m. on the 3d October.

With the communication from General Dix, came another from the acting rear admiral commanding the North Atlantic blockading squadron, directing me to act in concert with the land forces.

On the night of the 2d instant I lay with the Hunchback and Whitehead in company, about three miles from Franklin. At 5.45 on the 3d, we got under way after giving the men an early breakfast, and started up the river, shelling the banks as we went. At 7 o'clock, when about three-quarters of a mile from Franklin, and while running a line to swing us around the bend, the enemy opened a fire on us from a place of concealment on the bluff overhead. As we were too near to use the great guns on them, I ordered the men to shelter themselves as they best could, and tried to steam past; but the river here is very narrow, and we ran into the bank.

While in this position, one of the rebels, more gallant than his fellows, rushed down the bank, cheering on his men, with the seeming intention of boarding us, but they did not follow him, and he was shot by one of my men.

In a few minutes we got off and steamed up until our guns would bear, when we threw into the rebels a heavy fire of 9-inch grape and shell, with canister and shrapnel from our field-piece. This fire covered the Hunchback as she rounded the bend, and she, in turn, covered the Whitehead.

After getting around the bend, we found the river barricaded in front of us. This barricade could have been removed, but not under the terrible fire to which we were exposed.

In this position we remained until 10.15 a. m., hoping to hear the guns of the land force, but no such welcome sound came to our ears. During this time we kept up a fire of great guns and musketry. With the forward 9-inch gun I threw shells in the direction of Franklin; with the forward 32-pounder poured grape and canister into the woods on our left; and with the after 32-pounder and field-gun, gave them the same on the right, and shelled the bluff from which they fired on us so heavily, with the after 9-inch gun.

At 10.15 we started down, getting a terrible fire from the bluff. The enemy continued to fire at us from every available point until 2.30 p. m. They also attempted to block the river in our rear, by felling trees, through which obstructions we pushed with a heavy head of steam.

On our return, I sent the Hunchback to Plymouth, to bury the dead and proceed to Roanoke island, with the wounded, (one dying on the way,) where Colonel Howard very kindly gave me the steamer Emily to carry them to Norfolk hospital.

We in the boat had two killed (Master's Mate John Lynch and Quartermaster Justin Baker) and ten men wounded; two of them, I fear, mortally.

I sent Dr. Gale on in charge of the wounded and did not get his report of casualties before he left. It shall be sent immediately on his return.

I enclose reports of Acting Lieutenant Colhoun and Acting Master Commanding French, with return of casualties on board their vessels. I was well supported. Colhoun and French both did their duty.

On board my own vessel the officers and men generally behaved well. I desire to mention as worthy of praise for great gallantry, Lieutenant Wm. B. Cushing, who ran the field-piece out amid a storm of bullets, took a sure and deliberate aim at the rebels, and sent a charge of canister among them, that completely silenced their fire at that point. Mr. Lynch assisted Mr. Cushing, and here met his death like a brave fellow, as he was.

Mr. Richards, third assistant engineer, who had charge of the powder division, also assisted with the howitzer, and showed great courage. Mr. Anderson, the paymaster, was of great assistance in bringing in the wounded from under the fire, and conveying them to the doctors.

Among the men, Daniel Lakin, (seaman,) John Williams, (seaman,) John Breese, (boatswain's mate,) Alfred Peterson, (seaman,) and James H. Burbank, (corporal in the 4th Rhode Island volunteers,) distinguished themselves by their gallant conduct. I recommend the first for an appointment as master's mate; the second I shall make boatswain's mate; Peterson, I shall make quartermaster, and hope the corporal may be made a sergeant.

I have the honor to be, sir, very respectfully, your obedient servant,

C. W. FLUSSER,

Lieutenant Commander.

Commander H. K. DAVENPORT,

Senior Naval Officer in the Inner Waters of North Carolina.

P. S.—I omitted in the names of those who did well, Justin Baker, quartermaster, killed, and John W. Johnson, landsman, wounded badly.

UNITED STATES STEAMER COMMODORE PERRY,

October 3, 1862.

SIR: I have the honor to inform you that the following is a correct report of the killed and wounded on board the United States steamer Commodore Perry, while engaged with the enemy on the Blackwater river, near Franklin, Virginia, on the 3d day of October, 1862.

Killed.—John Lynch, master's mate, rifle ball through the heart; Justin Baker, quartermaster, rifle ball through the head.

Wounded.—John W. Johnson, landsman, arm shattered by rifle ball; Geo. Nicholas, able seaman, rifle ball through the head; James Brown, captain's steward, rifle ball through the hand; John Dowling, able seaman, rifle-ball wound through the posterior; Wm. Cornell, able seaman, rifle ball in the neck; James McManis, fireman, bayonet wound in the leg; Isaac Fisher, private 9th New Jersey regiment, rifle ball through the body; Peter Gilghassen, private 9th New Jersey regiment, rifle ball through the thigh; John E. French, private 9th New Jersey regiment, rifle ball, slight wound in the forehead; Wm. Bucklin, private 4th Rhode Island regiment, rifle ball, slight, in the neck.

Very respectfully, your obedient servant,

GEORGE W. GALE,

Acting Assistant Surgeon, U. S. Navy.

C. W. FLUSSER,

Lieutenant Commander.

UNITED STATES STEAMER COMMODORE PERRY,
October 16, 1862.

SIR: We expended, as near as I can determine, in the fight of the 3d:

9-inch shells	102
6-inch shells	54
Stand of grape for 9-inch gun.....	16
Stand of grape for 6-inch gun.....	27
Stand of canister for 6-inch gun	26
Rounds of ammunition for the howitzer.....	94
Total amount of ammunition expended.....	319

Respectfully submitted.

WM. B. CUSHING, *Lieutenant.*

Lieut. Commander C. W. FLUSSER,
Commanding U. S. Steamer Commodore Perry.

UNITED STATES STEAMER HUNCHBACK,
Off Plymouth, N. C., October 6, 1862.

SIR: The following is an account of the part taken by this vessel in the fight on the Blackwater on Friday, the 3d instant:

I got under way at 5.30 a. m. from our anchorage, about four miles below Franklin, following your vessel closely—the Whitehead being astern of us. When the enemy opened a heavy fire of musketry on you, I pushed ahead to your support. The river being very narrow at that point, and the turn “short around,” I found great difficulty in turning the bend, being detained there nearly half an hour under a heavy fire of musketry and one shot from artillery, which latter killed two men—a grape-shot passing through both, killing them almost instantly. From that time until 10.30 a. m., when we had fought our way to a point within three-quarters of a mile of Franklin, the fighting was the same—here and there high banks with dense foliage, a narrow and very crooked stream, with frequent heavy firing of musketry.

On our passage down we met with even a warmer reception, the enemy seeming determined to capture us—having, as you are aware, cut down large trees to close up the river. We were not idle all that time; but whenever I could fire my 9-inch guns without exposing the men, I let them have shell, shrapnel, and grape; and when the firing of the enemy was so hot that I could not expose the men, I worked my two howitzers in the gangway, giving directions through the speaking tube in the pilot-house how to fire. I cannot speak too highly in praise of the officers and men under my command. They did their duty nobly. I have to regret the loss of one of my best men, James Ritchie, boatswain's mate, who was killed when about to sight his gun. I would bring to your notice the heroic conduct of Thomas C. Barton, seamen, who, when a shell, with cartridge attached, fell out of the howitzer upon the deck—the charge, which must have been wet, being ignited—got a bucket of water and threw it upon it, thereby preventing its explosion.

Our loss, as will be seen by the report of Acting Assistant Surgeon George R. Mann, was: killed—James Ritchie, boatswain's mate, and Frank Davis, contraband; wounded—Samuel B. Sharp, seamen, left arm.

We fired from the 9-inch guns 22 shells, 10 shrapnel, and one stand of grape;

from the 100-pounder rifle, 9 percussion shells; and from the howitzers, 9 stand of grape, 27 shrapnel, 28 shell, and 26 canister—making a total of 132.

Very respectfully, your obedient servant,

EDMUND R. COLHOUN,

Acting Lieut. Comd'g U. S. Steamer Hunchback.

Lieut. Commmander C. W. FLUSSER,

U. S. N., Comd'g Naval Forces, Albermarle Sound, N. C.

UNITED STATES STEAMER HUNCHBACK,

Off Plymouth, N. C., October 6, 1862.

SIR: I have the honor to report to you the following list of casualties occurring on board of your vessel during the engagement of October 3, 1862:

James Ritchie, boatswain's mate, killed.

Frank Davis, contraband, killed.

S. B. Sharp, seaman, wounded in left arm.

Very respectfully, your obedient servant,

GEO. R. MANN,

Acting Assistant Surgeon, United States Navy.

EDMUND R. COLHOUN,

Acting Lieutenant Commanding United States Steamer Hunchback.

UNITED STATES STEAMER WHITEHEAD,

Off Winfield, N. C., October 4, 1862.

SIR: I have the honor to submit the following report:

In obedience to your order, I left my anchorage at this place on the evening of the 1st instant, to take part in the expedition up this river, together with yourself and steamer Hunchback. When about one mile below Franklin, on the morning of the 3d, at seven o'clock, I engaged the enemy in force, who were posted on a high embankment with musketry, and on my approach, finding the elevation so great and his fire so hot, and my men so exposed, I was forced to order them under cover for a short time till I got past; during which time I had four wounded, three of them severely; a special report of which you will find enclosed.

At 10.30 a. m., as per your order, I proceeded on my way down river, receiving a severe fire from the enemy at different embankments for some miles below; but during the passage down I maintained my fire very regularly, keeping the enemy in check. I am only surprised that the casualties were not greater, considering our exposed situation and the upper works being so cut up with musketry.

My officers and men were generally prompt, and merit my thanks. I would particularly mention Edwin Smith, ordinary seaman, for gallantry, who swam ashore under the fire of the enemy with a line, while lying aground on the opposite bank, which rendered me important service, as the risk of lowering a boat would have been extremely great.

I expended, during the action, forty-nine rounds, exclusive of musketry.

Very respectfully, your obedient servant,

CHAS. A. FRENCH,

Acting Master Commanding Steamer Whitehead.

Lieutenant Commander CHAS. W. FLUSSER,

Commanding Naval Forces, Albemarle Sound, N. C.

UNITED STATES STEAMER WHITEHEAD,
Off Winfield, N. C., October 4, 1862.

SIR: I have the honor to report the following named men who were wounded in the late engagement near Franklin, on the Chowan river, viz:

John Weller, quartermaster, in both legs, severely.

Joseph Roderick, quartermaster, internally, severely.

Chas. Doherity, ordinary seaman, head, severely.

Alex'r Wilson, seaman, finger, slightly.

Very respectfully, your obedient servant,

CHAS. A. FRENCH,

Acting Master, Commanding Steamer Whitehead.

Lieutenant Commander CHAS. W. FLUSSER,

Commanding Naval Forces, Albemarle Sound, N. C.

Acting Rear Admiral Lee encloses Commander Davenport's report of naval co-operation with army expedition from Newbern to Hamilton, N. C.

UNITED STATES FLAG-STEAMER MIAMI,
Washington, N. C., November 14, 1862.

SIR: I transmit, enclosed, Commander Davenport's report of the naval co-operation with the late army expedition from Newbern to Hamilton and that vicinity. * * * * *

On the 31st of October Commander Davenport, with the Valley City, Hunchback, Perry, Hetzel, and the Vidette, (an army gunboat,) threw shot and shell for half an hour into the woods two miles back of Plymouth, where 3,000 rebels were posted, killing two of them.

On the 2d instant, at 7 p. m., Commander Davenport, with the Valley City leading, and the Perry, Hetzel, and Hunchback following, left Plymouth, and, at 6 a. m. on the 3d, anchored off Williamston, on the Roanoke, where he soon had an interview with General Foster, and arranged for an advance on Hamilton; and at 1 p. m. on the 4th, the Valley City having led, followed by the Perry, Hetzel, Hunchback, and Seymour, arrived at Rainbow Bluff batteries, which were found in possession of our troops, who had advanced without making the preconcerted signal to the gunboats. The enemy had previously left these batteries and taken off the guns. Our gunboats then went to Hamilton, where they found no rebel gunboats in process of construction. That evening the army, accompanied by four pieces of naval artillery with their crews, left for Tarboro', and the Valley City and Perry were sent up the river a few miles, as far as they could go, to divert the attention of the enemy.

On the 5th the Seymour destroyed, as far as possible, the earthworks at Rainbow bluffs, in doing which Acting Master's Mate Whall was accidentally killed.

At 2 a. m. on the 6th the army returned to Hamilton, having failed to reach Tarboro', (owing, it is said, to the enemy having been re-enforced from Richmond,) and on the 9th instant, the joint expedition left Hamilton from Plymouth, the troops returning thence to Newbern; also Commander Davenport, with the Hetzel, the Hunchback, (in want of repairs,) and the Seymour, (conveying troops.)

Commander Davenport is satisfied that the rebels have no iron-clads on the Roanoke, and that they cannot build on that river above Williamston, owing to low water, steep banks, and the want of necessary facilities. Lieutenant Commander Flusser, however, believes that they are building at or about Halifax.

Commander Davenport is strongly opposed to engaging the gunboats on such expeditions, on account of their unfitness for service in these narrow and crooked rivers, from whose high banks sharpshooters, protected in rifle pits, can control and sweep our open decks. It is obvious that, where the situation does not allow the gunboats to take care of themselves, they cannot assist the army, whilst they are themselves exposed to the worst consequences.

* * * * *

I have the honor to be, sir, very respectfully, yours,

S. P. LEE,

Acting Rear Admiral, North Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER HETZEL,

Off Plymouth, N. C., November 10, 1862.

SIR : I have the honor to submit the following report of my movements since the 28th October ultimo, the date of my last communication to you, having reference to the state of affairs at this place and on the Roanoke river.

I arrived at this place early on the morning of the 30th ultimo, and found here the United States steamers Commodore Perry, Hunchback, Valley City, and the army gunboat Vidette, at anchor off the town; the Shawsheen was on picket duty some six miles up the river. On consultation with Lieutenant Commander Flusser and Captain Hammill, the officer commanding the post, I ascertained that the enemy, said to number 3,000, were posted in the woods about two miles in rear of the town. It was agreed upon between us that on the next day we would make the attempt to shell them from their position. Accordingly, on the 31st ultimo, at 12 m., the Valley City, Hunchback, Perry, Hetzel, and army boat Vidette, opened fire, and for half an hour threw shot and shell over the town and into the woods beyond, driving the rebels from their position and killing two of their number.

Late on the afternoon of the 1st instant, the United States steamer Seymour arrived, with the intelligence that General Foster had left Newbern with a strong force, and was then on his march to Washington, North Carolina. At 12.30 p. m. on the 2d instant, while on my way to Washington to confer with General Foster, I intercepted the steam-tug Alert with despatches from the general requesting me to meet him, with the gunboats, at Williamston on the following day. I immediately returned to Plymouth, and at 7 p. m. got under way for Williamston, the Valley City leading and followed by the Perry, Hetzel, Hunchback, and armed army transport Lancer. At 6 o'clock on the morning of the 3d instant, I anchored off the town of Williamston, where, soon afterwards, I had the pleasure of an interview with General Foster, whose march had been ineffectually opposed by the enemy at Rall's Ford, a point on a small stream about five miles distant.

It was agreed upon that we should begin our advance on Hamilton that night. Accordingly, at 7 p. m., I got under way in the following order: the Valley City leading, followed by the Perry, Hetzel, and Hunchback. The Lancer had returned during the afternoon to Plymouth with the sick and wounded soldiers. At 1 o'clock on the morning of the 4th instant, having reached the barricade, which is about five miles below Rainbow bluffs and eight miles from Hamilton, I anchored, for the double purpose of awaiting the signal from the advance of the army and avoiding the risk of a passage through the barricade at night. At 11 a. m., having failed as yet in receiving any signal from the army, I made general signal to get under way, and proceeded up the river in the following

order: the Valley City leading, followed by the Perry, Hetzel, and Hunchback, the Seymour, which had arrived at 7½ a. m., bringing up the rear. At 1 p. m. we came in sight of the batteries at Rainbow bluff, which we found in possession of our troops, the enemy having deserted them and carried off all the guns. At 2 p. m. I anchored off the town of Hamilton.

I here entered into another agreement with General Foster, in accordance with which the Valley City and Perry, at 9.30 p. m., proceeded a few miles further up the river to divert the attention of the enemy, while the army continued its march to Tarboro'. At night, after the army had left, pickets were posted in the town—ten from this vessel and ten from the Hunchback—under the command of proper officers.

I must here express my thanks and acknowledgments to Acting Assistant Paymaster Henry Cushing, of the Hunchback, for his vigilance in securing the enclosed plan of batteries at Rainbow bluffs, and papers relating thereto, while on duty in command of pickets at Hamilton, on the night of the 4th instant. I look upon these papers as among the most valuable acquisitions of the expedition.

At 10 a. m. on the 5th instant I despatched the Seymour down the river for the purpose of destroying the earthworks at Rainbow bluffs. At 5 p. m. she returned, having accomplished, as far as possible, the object for which she was sent. I regret extremely to inform you that, while in the performance of this duty, Acting Master's Mate Whall was mortally, and one man slightly, wounded, by the premature explosion of a mine.

At 2 o'clock on the morning of the 6th instant the United States steamer Lockwood arrived, and at 5.30 a. m. the Seymour left for Plymouth. During the afternoon the army returned from its march in the direction of Tarboro', having failed in reaching that place. On the 7th instant I had another understanding with General Foster, (a copy of which is herewith enclosed,) in accordance with which I took on board 300 sick and disabled soldiers, whom I distributed among the several gunboats, and sending the Valley City and Lockwood ahead, with orders to wait for me at Williamston. At 12.30 p. m. I got under way for the same point, accompanied by the Hunchback and Perry, to cover the rear of the army, and arrived at Williamston at 11.30 a. m. on the 8th instant.

At 6 a. m. on the 9th instant the army began its march for Plymouth, the Perry, Valley City, and Lockwood having left for the same place on the previous afternoon. At 10 a. m., when the rear guard of the army had left Williamston, I got under way with the Hunchback for Plymouth, where I arrived at 3.30 p. m., about two hours in advance of the army. I shall leave a force of gunboats here, amply sufficient to protect the place, in conjunction with such force as it is the intention of General Foster to station at this point. When the army has embarked for Newbern, I shall get under way for the same place, stopping, probably, *en route*, at Washington, to confer with Acting Lieutenant Renshaw.

With regard to the results attained by this reconnoissance, I am satisfied that the rebels have, as yet, no iron-clad boats on this river, nor do I think it probable that they will ever attempt the construction of any vessel of a formidable character above Williamston. At Hamilton there were no indications whatever that vessels of any kind, except canoes, had ever been built there. The bank is bluff and bold, affording no natural facilities for wharves or "ways," and the river is narrow and current strong. Above Hamilton the river is extremely narrow and tortuous, abounding in snags and bars to such an extent that the Valley City could not ascend more than five or six miles. I learned that at Halifax, the next town above, there is, at ordinary times, from one to two feet only of water. The river is now at its medium height, and I should not think it possible, except during a freshet, to float an iron-clad boat of formidable dimensions at that point.

* * * * *

In conclusion, I must commend to your favorable consideration the intelligence, zeal, and skill in the management of their vessels, displayed by Lieutenant Commander Flusser and Acting Lieutenant Colhoun. Nor can I withhold my praise and warmest thanks from the officers and men generally, who vied with each other in their efforts to aid the army and bring to a successful issue the objects of the expedition.

I have the honor to be, very respectfully, your obedient servant,
H. K. DAVENPORT,
Commander and Senior Officer in Sounds of North Carolina.
Acting Rear Admiral S. P. LEE,
Com'g North Atlantic Blockading Squadron, Hampton Roads, Va.

Operations at New River inlet, and loss of the United States steamer Ellis.

UNITED STATES STEAMER HETZEL,
Off Newbern, N. C., November 27, 1862.

SIR: I have the honor to enclose herewith a report of Lieutenant William B. Cushing, of his operations at New River inlet, by which you will perceive that the United States steamer Ellis is lost.

I trust that, in consideration of the courage, coolness, and gallantry displayed on the occasion by Lieutenant Cushing, his course may meet with the approval of yourself and the Hon. Secretary of the Navy.

I have the honor to be, very respectfully, your obedient servant,
H. K. DAVENPORT,

Commander and Senior Officer in Sounds of North Carolina.
Acting Rear Admiral S. P. LEE,
Commanding North Atlantic Blockading Squadron.

[Indorsed.]

Heartily approved and forwarded.

S. P. LEE, *Acting Rear Admiral.*

UNITED STATES STEAMER HETZEL,
November 26, 1862.

SIR: I have the honor to report that I entered New River inlet on the 23d of this month, with the United States steamer Ellis under my command, succeeded in passing the narrow and shallow place called the Rocks, and started up the river. My object was to sweep the river, capture any vessels there, capture the town of Jacksonville, or Onslow Court-House, take the Wilmington mail, and destroy any salt-works that I might find on the banks. I expected to surprise the enemy in going up, and then to fight my way out. Five miles from the mouth I came in sight of a vessel bound outward, with a load of cotton and turpentine. The enemy fired her to prevent her falling into our hands. I ran alongside, made sure that they could not extinguish the flames, and again steamed up the river. At 1 p. m. I reached the town of Jacksonville, landed, threw out my pickets, and placed guards over the public buildings.

This place is the county seat of Onslow county, and is quite an important town. It is situated on the right bank of the river going up, and is thirty-five or forty miles from the mouth. I captured twenty-five stand of public arms in the court-house and post office, quite a large mail, and two schooners. I also confiscated the negroes of the confederate postmaster. I forgot to mention that

the town is situated on the main dirt road to Wilmington. Several rebel officers escaped as I neared the place and carried the news to that city. At 2.30 p. m. I started down the river, and at 5 p. m. came in sight of a camp on the banks, which I thoroughly shelled. At the point where the schooner captured in the morning was still burning, the enemy opened fire on the Ellis with rifles, but were soon silenced by our guns. I had two pilots on board, both of whom informed me that it would be impossible to take the steamer from the river that night. High water and daylight were two things absolutely essential in order to take her out. I therefore came to anchor about five miles from the outer bar, took my prizes alongside, and made every preparation to repel an attack. All night long the signal fires of the enemy could be seen on the banks. At daylight I got under way, and had nearly reached the worst place in the channel when the enemy opened on us with two pieces of artillery. I placed my vessel in position, at once hoisted the battle-flag at the fore, the crew gave it three cheers, and we went into action. In one hour I had driven the enemy from his guns and from the bluff, and passed within a hundred yards of their position without receiving fire. Up to this time I had been in every way successful, but was here destined to meet with an accident that changed the fortunes of the day, and resulted in the destruction of my vessel. About five hundred yards from the bluffs the pilots, mistaking the channel, ran the Ellis hard and fast aground. All hands went to work at once to lighten her, and anchors and steam used to get her afloat, but without success. The headway of the steamer had forced her over a shoal and into a position where, as the centre of a circle, we had a *circumference of shoal all around*. When the tide fell I sent a party ashore to take possession of the artillery abandoned in the morning, but when they reached the field it was discovered that it had been removed while we were at work on the vessel. If I had secured this, I proposed to construct a shore battery to assist in the defence of my vessel by keeping the rebels from placing their batteries in position. At dark I took one of my prize schooners alongside, and proceeded to take everything out of the Ellis excepting the pivot gun, some ammunition, two tons of coal, and a few small arms. Steam and anchor again failed to get my vessel afloat. I felt confident that the confederates would come on me in overwhelming force, and it now became my duty to save my men. So all hands were called to muster, and the crew told that they could go aboard the schooner. I called for six volunteers to remain with me on board and fight the remaining gun. Knowing that it was almost certain death the men came forward, and two master's mates, Valentine and Barton, were amongst the number. These gentlemen subsequently behaved with coolness and bravery. I ordered the schooner to drop down the channel out of range from the bluffs, and there to wait for the termination of the impending engagement, and if we were destroyed to proceed to sea.

Early in the morning the enemy opened on us from four points with heavy rifled guns, (one a Whitworth.) It was a cross-fire, and very destructive. I replied as best I could; but in a short time the engine was disabled, and she was much cut up in every part; and the only alternatives left were surrender or a pull of one and a half mile under their fire in my small boat. The first of these was not, of course, to be thought of; the second I resolved to attempt. I fired the Ellis in five places, and, having seen that the battle-flag was still flying, trained the gun on the enemy, so that the vessel might fight herself after we had left her and started down the river, reached the schooner, and made sail for sea. It was low water on the bar, and a heavy surf was rolling in, but the wind forced us through after striking several times. We were just in time, for about six hundred yards down the beach were several companies of cavalry trying to reach the mouth of the inlet in time to cut us off. We hoisted our flag and gave three cheers, and were off. In four hours I reached Beaufort. I brought away all my men, my rifled howitzer and ammunition, the ship's stores and clothing, the

men's bags and hammocks, and a portion of the small arms. I retained aboard a few muskets, pikes, and pistols, to repel boarders.

I neglected to state that when I took possession of the enemy's ground, on the 24th a salt-work was destroyed, and ten boats rendered useless that were to have been used for boarding. At 9 a. m. the United States steamer *Ellis* was blown in pieces by the explosion of the magazine. Officers and men behaved nobly, obeying orders strictly under the most trying circumstances. I respectfully request that a court of inquiry may be ordered to investigate the facts of the case, and to see if the honor of the flag has suffered in my hands.

I am, sir, very respectfully, your obedient servant,

WM. B. CUSHING, *Lieutenant.*

Commander H. K. DAVENPORT,

Senior Officer, Commanding in Sounds of North Carolina.

[Indorsed.]

Respectfully submitted. I think the course of this young officer should meet with the commendation of his superiors.

H. K. DAVENPORT,

Commander and Senior Officer.

[Further indorsed.]

Received and forwarded December 2, 1862, with the expression of my admiration of Lieutenant Cushing's coolness, courage, and conduct.

S. P. LEE,

Acting Rear Admiral, Com'g N. Atlantic Block'g Squadron.

Commander F. A. Parker's operations in Matthews county, Virginia, in November, 1862.

UNITED STATES FLAG-STEAMER *PHILADELPHIA*,

Hampton Roads, Virginia, November 30, 1862.

SIR: Annexed is a copy of an interesting report, of the 26th instant, from Commander F. A. Parker, of his active operations in Matthews county, in connexion with General Neglee, Colonel Conyngham, and a detachment of troops from Yorktown. The expedition was well conducted, and its results and success are clearly stated by Commander Parker, who speaks in handsome terms of Lieutenant Farquhar.

I have the honor to be, sir, very respectfully,

S. P. LEE,

Acting Rear Admiral.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER *MAHASKA*,

Off Yorktown, Va., November 26, 1862.

SIR: I have the honor to report to you that on Friday, the 21st instant, Brigadier General Neglee and myself concerted a plan of operations against Matthews county, (whose inhabitants were said to be largely engaged in the manufacture of salt, and in smuggling contraband goods from the eastern shore of Maryland and Virginia,) which was carried out as follows:

On the night of Saturday, the 22d instant, having received on board a bat-

talion of infantry, three hundred strong, under the command of Major Conyngham, of the 52d Pennsylvania volunteers, I left this harbor with the Mahaska, the General Putnam, and a small tug called the May Queen, (aboard of which I had mounted a rifled howitzer,) bound to East river, Mobjack bay, where, on the following morning, I ran alongside of a fine wharf, distant three or four miles from the river, and exactly two miles from Matthews Court-House. Here the troops were disembarked, and, re-enforced with a 12-pounder Dahlgren howitzer, manned by twenty seamen, under the command of Acting Master's Mate Black, took up their line of march for New Point Comfort and Winter harbor, while the General Putnam, with a detachment of seamen and a howitzer boat from this vessel, all under the command of my executive officer, Lieutenant Farquhar, was despatched up the river with orders to capture or destroy all vessels and boats that could be used in running the blockade.

At 8 p. m. both expeditions had returned. The result of the day's operations being the destruction, on the part of Major Conyngham, of eleven salt-works and between three and four hundred bushels of salt; and on the part of Lieutenant Farquhar, the destruction of one salt-work and the burning of three schooners and a number of scows and boats, with the capture of a lighter and twenty-four large canoes, some of which are capable of containing twenty-four men.

Acting Master's Mate Black reported that while on the march Patrick Madden, landsman, suddenly disappeared from the ranks; but whether he had intentionally deserted or straggled from the command and been captured by a body of rebel cavalry, who hung close upon their rear, it was impossible to say.

On the following morning a detachment of soldiers was sent out towards Matthews Court-House, while our men were employed in destroying boats on both sides of the river in our immediate vicinity, and at 1 p. m., the object of the undertaking against Matthews county having been successfully accomplished, I got under way for Yorktown, where I arrived and disembarked the troops about sunset.

Having learned, however, shortly before leaving East river, that two sloops were hauled up on the beach in Horn harbor, which had just brought over a cargo of goods from Maryland, I gave orders to the commanding officer of the Crusader, whom I fell in with outside, to send his cutters in to destroy them, which duty I have since learned he executed immediately.

Yesterday morning, with this vessel and the Putnam, I ascended the North river some three miles, whence I sent Lieutenant Farquhar up the river in the latter vessel with the same instructions as before. By sunset he had destroyed a schooner (Acting Master Dyer in the meanwhile, in one of the cutters of this vessel, had destroyed another,) and a vessel on the stocks in the course of construction, which, he thinks, from her model, the strength of her timbers, &c., &c., was intended for a small gunboat. In confirmation of his opinion, I would state that my pilot was informed some time since, at West Point, that "a privateer was building in North river." At night I anchored off Ware river, intending to enter it and the Severn to-day, but was prevented from so doing by thick, stormy weather.

I should do injustice to my own feelings and to the service were I to close this report without making special mention of Lieutenant Farquhar, upon whom the major portion of the labor attending our little enterprises devolved. Always reliable and always efficient, his high standard of professional character is apparent in everything he undertakes.

Very respectfully, your obedient servant,

FOXHALL A. PARKER, *Commander.*

Captain THOMAS TURNER, *U. S. Navy,*

Senior Naval Officer, Newport News, Va.

SOUTH ATLANTIC BLOCKADING SQUADRON.

Report of Commander Drayton of his expedition up St. Helena sound and adjacent waters.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., December 1, 1861.

SIR: Enclosed is the report of Commander Drayton, of the Pawnee, of his expedition up St. Helena sound and the adjacent rivers, which the department will find interesting.

Respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Comd'g South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER PAWNEE,

Port Royal Harbor, November 28, 1861.

SIR: In obedience to the instructions contained in your letter of the 24th instant, I left this harbor at 3 a. m. of the 25th instant, in company with the Unadilla, Lieutenant Commanding Collins, and the Pembina, Lieutenant Commanding Bankhead, piloted by the Vixen, Captain Boutelle. We crossed this bar at 4.30, and that of St. Helena sound at 9.30, a steamer, supposed to be the General Clinch, then being off the entrance of South Edisto river, which position she shortly left, and steamed up the river. I soon after came in sight of a fort on the point of Otter island, in which, at the distance of a mile, I threw a few shells, as did the gunboats, to discover if it was occupied. There being no answer, I sent a boat on shore to take possession, and found it to be a regular triangular work, with two faces towards the water, of two hundred and fifty feet each, with bastions and a curtain on the land side; the whole surrounded by a ditch. The magazine had been blown up, and everything carried away or destroyed; the only thing left being the fragments of an eighty-pounder rifled gun which had been burst. There was also on the outside a large quantity of timber and palmetto logs, which I left undisturbed, there being little or no probability of any one coming to remove it, and, considering that, should we occupy the place, it would be required to finish the work. Having made the above examination, I continued up the Coosaw river with the gunboats, piloted by Captain Boutelle. When, just after passing Morgan river, about ten miles from Otter island, I came in sight of a fort directly ahead, and at the junction of Barnwell creek with the Coosaw; when within a mile we threw a few shells into it, and there being no signs of occupation, and the negroes showing themselves in the neighborhood, I sent a boat on shore to take possession, and found it to be a redoubt with a ditch on three faces and a steep slope toward the water, above which the parapet was elevated thirty feet, its name being (as we found from papers picked up) Fort Heyward. The armament had consisted of only three guns, one rifled, which had been removed, and two eighteen-pounders, which, being of a very antiquated make, and spiked, I destroyed by breaking the trunnions off. The next morning early I returned, and removed to this vessel a quantity of entrenching tools which I found near the fort, together with a large sling cart and two siege carriages which had not been much injured by the fire which had consumed sufficiently to render useless the other one and all

of the limbers. This being completed, I returned to Otter island, finding there the Vixen, which had preceded us for the purpose of bringing an engineer, Lieutenant O. Rouke, off, who had been sent by General Sherman to join us at Coffin's Landing.

He desired to make a drawing of the fort, and, as it then was late, I anchored for the night, leaving again on the morning of the 27th, with the gunboats and Vixen, (there not being water for the Pawnee,) to ascend the Ashepoo river, as I understood that there was a military station a short distance up. After running four miles I discovered a redoubt, and having, as before, satisfied myself that it was not occupied, I landed and found that, like the others, it was very carefully and scientifically built, with a deep ditch surrounding it. Everything had been destroyed or carried away, excepting a rifled twenty-pounder and an old English eighteen-pounder, both of which had been burst, and another eighteen, which I destroyed. Having performed this duty, I continued up the river, thinking that I might find fortifications at Mosquito creek, which offers the only inland channel of communication with Charleston. None had, however, been erected there, and I continued up the river to the plantation on Hutchison island, about twelve miles from Otter island, which was as far as the vessels could go. Here were a large number of negroes, but no white men, although they told me that there was a picket of soldiers about three miles beyond. At this time I heard heavy firing, and as we all supposed it to proceed from the Pawnee, I hurried every one on board, and returned down the river as quickly as possible; but, on reaching that vessel, was told that the sounds came from the direction of Beaufort. I then, with the Pawnee, got under way, and, accompanied by the other vessels, ran across the bay to Hunting Island river, where I landed and looked for fortifications on the point of Hunting island, but could not find the least appearance of there ever having been any there. The light-house had been recently blown up, and all the public property carried away. I had now examined all the points mentioned in your letter except Coffin's Landing, which had been visited by Lieutenant O. Rouke, on his way across, and he reporting that no works had been erected there, I did not think it worth the delay that would have been occasioned by going there.

I left Hunting Island harbor at 7 a. m. this morning, and reached my anchorage here at meridian. With regard to the other inquiries that I was ordered to make, I would beg leave to say that, wherever practicable, the slaves have been removed, as on the northern side of the Ashepoo, where there is communication with the Edisto. At all the plantations south of that, however, a great many still remain; at Hutchison island not less, I think, than one hundred and twenty. Not a white man seems to be left anywhere outside of the line of military occupation, which was higher than I was able to go with the vessels. The slaves are doing nothing, and are very friendly. They assisted us voluntarily wherever we wanted their aid, and sometimes, as at Fort Heyward, worked very hard; and I overheard one of them say that it was but fair that they should do so for us, as we were working for them. The more intelligent of them told me that there was no packed cotton in their neighborhood; that scarcely any had been packed this year, and that not much more than half the cotton, and scarcely any of the provision crop, had been gathered.

In conclusion, I would beg leave to call attention to the great importance of the fort on Otter island. It can be easily held, and, with a few vessels as a support, would be almost impregnable to any ordinary force. It completely commands the inland route to Charleston, and four miles above it the Ashepoo and South Edisto rivers approach each other so closely that it seems to me that I could almost have commanded the navigation of the latter river from my vessel; and a few guns in position on the narrow neck of land that divides them might easily control both streams. No single point can command all the entrances into St. Helena sound, as it is five miles across; but a fort on

Otter island shuts up the most important one; and in its immediate vicinity and under its guns is perhaps the very best anchorage for ships to be found in those waters. I forgot to mention that, as far as we could make out, on our return down the river, (the Ashepoo,) they appeared to be burning houses in the direction of the South Edisto river, or in those plantations which must have still been in possession of the whites, and the same thing seemed to be continued during the night. I cannot finish without mentioning the obligations I am under to Captain Boutelle for the skill and untiring energy he displayed in piloting us through those island waters; and I think the people must have been a little surprised at seeing vessels-of-war passing at full speed up narrow and not over-deep rivers, such as the Coosaw and Ashepoo.

I am, very respectfully, your obedient servant,

P. DRAYTON,

Commander, Commanding Pawnee.

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Squadron, Port Royal Harbor.

Flag-Officer DuPont sends second expedition to St. Helena bay, and orders reconnoissance of Wassaw inlet.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., December 4, 1861.

SIR: The apprehension of losing possession of the bay of St. Helena—so exceedingly valuable for a harbor for its proximity to Charleston, and for the command it secures of large rivers supplying interior communication with the State of South Carolina—has induced me to despatch a second expedition there, under Commander Drayton, with orders to hold the island until General Sherman is prepared to assume military occupation of it, when he will transfer the fort to his troops.

I have also despatched Commander C. R. P. Rodgers to make a reconnoissance of Wassaw inlet, in order to ascertain the position and force of the enemy's battery there—information which the commanding general has expressed to me his desire to obtain before landing troops on Tybee island.

The department will have the goodness to observe that, in the necessary occupation of St. Helena sound and of Tybee roads, and in the examination of Wassaw inlet, a large number of the vessels of my squadron is engaged, which will be released and employed on blockading duty as soon as Otter and Tybee islands are held by the army.

Very respectfully, your most obedient servant,

S. F. DUPONT,

Flag-Officer Commanding, &c.

Hon. GIDEON WELLES,

Secretary of the Navy.

Flag-Officer DuPont reports Wassaw island abandoned, and encloses report of Commander C. R. P. Rodgers.

UNITED STATES FLAG-SHIP WABASH,

Port Royal Harbor, S. C., December 6, 1861.

SIR: I have the honor to inform the department that the fortifications at Wassaw island have been abandoned by the rebels, after removing the guns, cutting up the platforms, and breaching one face of the fort.

For the circumstances attending this important discovery, and the temporary occupation of the waters of Wassaw sound, as well as for a knowledge of the inner and ultimate line of defence selected by the enemy, I have the pleasure to refer to the accompanying report of Commander C. R. P. Rodgers, upon whose judgment and skill I relied for the execution of this undertaking.

Wassaw inlet and sound constitute a second entrance into Savannah river; and as twenty-one feet can be carried over the bar at high water, this passage is but little inferior to Tybee entrance.

The highest point reached by Commander Rodgers was about eight miles from Wassaw bar, about ten miles from Savannah, and between four and five from Thunderbolt on one side and Montgomery on the other. These two last places are described in the Coast Survey memoirs and reports.

I attach the highest value to this possession; but I must confess that the addition of the occupation of St. Helena sound, Tybee entrance, and Wassaw sound, by the navy, to the other demands upon the force which the department has so liberally placed at my disposal, threatens to embarrass the duties of the blockade and to postpone some other operations. I hope, therefore, that the department will find it possible to supply me with more gunboats and other vessels of that class propelled by steam; having which, I will venture to indulge in the expectation that the whole of the sea-coast of Georgia, and a great part of that of South Carolina, will be under the flag of the United States at no distant period.

I have the honor to be, sir, respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Commanding, &c.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES FLAG-SHIP WABASH,
Port Royal Harbor, December 6, 1861.

SIR: On yesterday morning I left Tybee roads before daylight, with the steamers Ottawa, Seneca, and Pembina, and crossed the bar of Wassaw sound at half tide, not having less than eighteen feet of water upon it.

We approached the fort on Wassaw island within a mile, and seeing neither guns nor men, we did not fire, but I sent Lieutenant Barnes to it with a white flag. He found it an enclosed octagonal work with platforms for eight guns on the water faces. The land faces were protected by abattis. The work was well constructed. The guns had been removed, the platforms cut, and the magazine blown up. From the freshness of the foot-prints, and other signs, it appeared to have been abandoned very recently. Adjoining the fort are huts or sheds for a large garrison. Some lumber and bricks remain; everything else had been carried away.

We immediately pushed on to Cabbage island, where we had been led to look for another battery, but there was nothing of the kind there. We went to the mouth of the creek, through the Romilly marsh, and to the mouth of Wilmington river.

From the mouth of Wilmington river we observed a battery bearing from us about NW. by W. half W., and distant about three miles. It is on the river, and just above a house with a red cupola, which is one of the Coast Survey's points of triangulation, and is about ten miles from Savannah. Between the house and the fort was a large encampment, but we could not count the tents. We counted five guns, apparently of large calibre, on the face of the battery towards us. We could only see one gun upon the other face, but there may

have been more. We were near enough to see the men on the ramparts and the glittering of their bayonets. We saw several small vessels; some of them in Romilly marsh were in tow of a small steam-tug, but they were all beyond our reach.

Upon Little Tybee island we could see no earthworks, but could not get nearer to it than two miles, because of the shoals. In coming out of Wassaw sound at high tide we had not less than twenty-one feet of water on the bar.

Returning to Tybee roads at 1 o'clock, I landed and made a reconnoissance on foot with the marines of the Savannah, and detachments of small-arm men from that ship and the Ottawa. Upon reaching the mouth of the Lazaretto creek, having no boats in which to cross, our progress was stopped. We waited until low tide, but the creek was unfordable. I was able, however, with the assistance of Lieutenant Luce, to obtain, from the top of a tree, the position in which a battery has been supposed to exist, and am satisfied that there is no battery there. The spar, which was mistaken for a derrick, is simply a place of lookout, and there was no appearance of any earthwork or position for guns. A battery at such a place would be of no use whatever. There may, however, have been a signal gun placed there, as the dune upon which the spar is raised is upon the southeastern part of Little Tybee island, and is a commanding point of observation.

I have to thank Lieutenant Commanding Stevens for the most earnest, cordial, and efficient co-operation; and also Lieutenants Commanding Ammen and Bankhead, whose vessels were always in the right place, and always well handled.

I have the honor to be, very respectfully, your obedient servant,

G. R. P. RODGERS, *Commander*.

Flag-Officer S. F. DuPONT,
Commanding, &c.

Commander Drayton's report of reconnoissance in North Edisto river, &c., December 16, 1861.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., December 23, 1861.

SIR: I have the honor to transmit to the department a report by Commander Drayton of a reconnoissance in North Edisto river and the adjacent waters. He discovered a fort there, consisting of two redoubts for five guns each, connected by a curtain, and protected in the rear by palisades formed of thick plank. The cotton-houses and out-buildings were set on fire at his approach. Hearing that there were five hundred of the enemy at Rockville, a small town in the vicinity, he advanced upon them and found that the encampment, which had been occupied some four months, was deserted a few hours before his arrival in such haste that the soldiers had taken only their arms, leaving their camp equipage and provisions behind them. Captain Drayton took on board the tents and provisions and a quantity of cotton. He left the Penguin, Lieutenant Commanding Budd, in possession of the fort.

Captain Drayton next entered the South Edisto, where he found similar fortifications deserted and destroyed. He also communicated with Lieutenant Commanding Truxton, who reported that everything was quiet in St. Helena sound, and the fort there was being rapidly repaired and put in a state of defence. Captain Drayton brought in two prisoners.

The cotton taken by Captain Drayton I have shipped on board the coal-schooner M. A. Schindler, Ireland master, bound to Philadelphia, consigned to

James S. Chambers, navy agent, (as per bill of lading enclosed,) subject to the order of the department.

Respectfully, your obedient servant,

S. F. DUPONT,
Flag-Officer Commanding, &c.

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES STEAMER PAWNEE,
Port Royal, S. C., December 21, 1861.

SIR: In obedience to your order of the 14th instant, I left this harbor at daylight of the 16th instant, accompanied by the gunboat Seneca, Lieutenant Commanding Daniel Ammen, and Coast Survey steamer Vixen, Captain C. O. Boutelle, but at the bar found that the heavy northeaster which was blowing had raised such a sea as to render it out of the question to attempt entering the rivers which I was directed to examine. I therefore returned to my anchorage, which I left a second time, however, on the following morning, and reached the North Edisto at 2 o'clock. Shortly after I crossed the bar with the Seneca, piloted in by Captain Boutelle in the Vixen, which vessel he, however, left when we were inside for the Pawnee, his vessel remaining astern of us.

At this time we could plainly see fortifications ahead on Edisto island, distant a mile and a half. As it was reported to me they were filled with men, I commenced firing slowly from my bow guns, as did the Seneca, but receiving no answer soon ceased, and running by the batteries anchored in the North Edisto river. On landing I found the fort, which was entirely deserted, to consist of two redoubts for five guns each, connected by a long curtain, and protected in the rear by a double fence of thick plank, with earth between, and loop-holed. The guns, as the negroes informed me, had all been removed towards Charleston some weeks back. While I was making this examination Lieutenant Commanding Ammen had proceeded up the river for about five miles, the effect of which was immediately apparent in the firing of cotton-houses and out-buildings.

As during the night some negroes came on board and informed us that at the small town of Rockville, which was in full sight, there was a large encampment of soldiers, at least five hundred, and Captain Boutelle offering to go up the creek on which it was, I determined to make them a visit in the Vixen, and at daylight on the 17th went on board that vessel for the purpose, taking with me the boats and marines of the Pawnee and Seneca, under charge of Acting Master Snell. Owing to our running ashore we did not reach the town until near 8 o'clock, a little above which was a sloop laden with cotton and provisions, which I took possession of and towed alongside.

There being still no signs of life on shore, I landed with about fifty men to reconnoitre, and was soon satisfied that the troops had left, as the first thing seen was the negroes pillaging a building, in which was a large quantity of commissariat stores, consisting of rice, sugar, bacon, corn, &c. This I stopped at once, and had what remained removed to the Vixen.

Being then informed that the camp, which was a mile from the water, was entirely deserted, I went there, but although, so far as I could learn, the troops had left at daylight, and it was then only a little after eight, the negroes, whom I found as busy as bees, had removed the most valuable part of what had been left, which was nearly everything, excepting their arms. The encampment was a large one, had been occupied for many months, and its late tenants had evidently been in the possession of every comfort. I removed to the boats forty Sibley and four ordinary tents, besides a quantity of articles of no particular value, which were lying about, and found at a neighboring house, which seemed to have been used as headquarters, a confederate flag.

Having pretty well cleared the ground of what was worth removing, and being desirous of examining above, I left at 2 o'clock, and proceeding up the river with the Vixen, not liking to trust the Pawnee in so narrow a channel, came on the Seneca, which had started at 9 o'clock to explore, fast on a mud bank. We remained by her until 9 o'clock, but found it impossible to pull her off, owing to the night tide not being as high as the morning one. While lying here, however, I sent the boats and burnt a sloop which had been run ashore some distance beyond, while attempting to escape from the Seneca, and which could not be got afloat.

The Vixen afterwards returned for the night to the neighborhood of the Pawnee, but went back at daylight of the following morning with a party of men and boats from this vessel to lighten the Seneca, which vessel was got off at high tide.

While the Vixen was running up the river she came on a small sloop laden with cotton, from which two white men were taken, whom I now have on board as prisoners. As in the meantime nearly a hundred and fifty negroes, all in a great state of alarm, had collected on board the different vessels, I determined to land them on the point, and called in the United States steamer Penguin, which was cruising off the port, and to leave Lieutenant Commanding Budd in charge of the river, after my departure, until he could hear from you. Captain Boutelle was kind enough to go out in the Vixen and pilot the Penguin into her anchorage off the fort, where she now is.

On the morning of the 10th I ran down to the South Edisto, and leaving the Pawnee and Seneca at the bar, went in with the Vixen. I found the fortifications which are on Edisto island entirely deserted and partially destroyed. They consisted of two redoubts, which mounted, as far as I could judge, four guns each, but the guns had been removed. The Dale being in sight across Otter island, in the Ashepoo, I made signal, and Lieutenant Commanding Truxton pulled over with four boats. He reported that everything was quiet in the neighborhood of his anchorage, and that the fort on Otter island was rapidly being placed in a state of defence. Up to the present time, although they had been in sight of the South Edisto forts, where we were lying, they had not yet landed there.

Having finished my examination of the South Edisto, I returned to the Pawnee and stood north, with the intention of lying off Stono for the night; but, as the weather looked threatening, and the Vixen was almost out of coal, I went into the North Edisto again for the night, in order to have an opportunity of supplying her with some. Lieutenant Commanding Budd reported everything as when I left; but on the following morning negroes came in and stated that the troops who had left the encampment at Rockville, being largely re-enforced, showed a disposition to reoccupy that place.

As the weather was too threatening to permit my making a careful examination of the Stono, as I intended, I determined now to return at once to this place and report to you the state of affairs at the North Edisto. This I have done, reaching my anchorage here at 3 o'clock to-day, although somewhat delayed by the sea raised by a very heavy northeaster which is blowing outside. Lieutenant Commanding Ammen I sent to Charleston, to report that the Penguin was in the North Edisto, and with directions to look into the Stono river on his way, and see if he could make out the fortifications, which the negroes tell me are there in great strength.

I cannot conclude without expressing my indebtedness for the ready assistance rendered by Lieutenant Commanding Ammen and Captain Boutelle in carrying out the objects of the expedition.

Very respectfully, your obedient servant,

P. DRAYTON, *Commanding.*

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Squadron.

Reports of the examination of the inlets and sounds of the coast of Georgia.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., December 12, 1861.

SIR: In the further prosecution of my examination of the inlets and sounds of the coast of Georgia, I directed Commander C. R. P. Rodgers to take under his command the gunboats Ottawa, Lieutenant Commanding Stevens, Seneca, Lieutenant Commanding Ammen, steamer Henry Andrew, Acting Master Mathew, and to proceed to Ossibaw, where he was to inform himself as accurately as possible of the state of things in the inlet and sound, and in the Vernon and Great Ogeechee rivers. It appears that there are no batteries on Ossibaw island, or in the Great Ogeechee, up which river he ascended as far as Morrell's plantation, which he found abandoned.

There is a fort, advantageously placed and well protected by marshes, on the side of the land situated on the eastern end of Green island. It now mounts eight guns, and is not yet completed; it commands not only Vernon river, but the Little Ogeechee, Hell Gate, the passage from Vernon river into the Great Ogeechee, and even the channel of the latter river.

Commander Rodgers's report is herewith enclosed.

I have the honor to be, very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Comd'g South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-SHIP WABASH,
Port Royal Harbor, December 12, 1861.

SIR: I left Tybee roads before daylight yesterday morning, with the Ottawa, Seneca, Pembina, and Henry Andrew, and crossed the bar at Ossibaw soon after 8 o'clock. Entering and passing up Vernon river, we discovered on the eastern end of Green island a fort mounting eight guns, apparently of heavy calibre. Near it is an encampment, where we saw about seventy-five tents. There was a barrack near the fort, and another building was in process of erection. I think the work is not yet completed. The fort is advantageously placed, and its approaches landward are well protected by marshes. It has three faces, upon two of which guns are mounted. It commands not only Vernon river, but the Little Ogeechee, and Hell-Gate, the passage from Vernon river into the Great Ogeechee. Its long-range guns will also reach the channel of the Great Ogeechee.

We were exactly two nautical miles from the fort, and after observing it carefully we steamed down the river, when the Seneca, the second vessel of the line, had turned; a well directed shot was fired at her, apparently from a rifled cannon, which fell not more than two hundred yards astern of her. A shot was also fired at the Pembina, apparently from a heavy smooth-bore gun, which fell much short. We did not fire from the vessels, being at too long range for effective practice; nor was I willing that our simple reconnoissance should be reported, for the comfort of the enemy, as an engagement and repulse. Passing again into Ossibaw sound, we entered the Great Ogeechee, and steamed up it about four miles, where I landed, but found it abandoned. There are no batteries on Ossibaw island for the defence of the sound. I saw Vernonsburg, but could observe no battery save the one on Green island. We saw over the land two or three schooners at the head of Wassaw sound, which had, probably, passed

from Ossibaw through the Romilly marshes. I have to thank Lieutenants Commanding Stevens, Ammen, and Bankhead, and Acting Master Commanding Mathew for very hearty co-operation. The pilot, Mr. Godfrey, showed much skill, though he had never before been in Vernon river. Mr. Dennis, of the Coast Survey, accompanied, and by his familiarity with the topography of the country rendered me much assistance.

Lieutenant Barnes and Acting Master Preston, of the Wabash, at the mast-heads, with good glasses, carefully observed the shores and were always on the alert.

I am, very respectfully, your obedient servant,

C. R. P. RODGERS, *Commander.*

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Blockading Squadron.

Report of a second expedition to St. Helena sound, under Commander Drayton.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., December 12, 1861.

SIR: I have the honor to transmit to the department a report of Commander Percival Drayton of a second expedition to St. Helena sound, made under his direction, and consisting of the sloop Pawnee, Commander Drayton, the gunboat Unadilla, Lieutenant Commanding Collins, the armed steamer Isaac Smith, Lieutenant Commanding Nicholson, the sloop Dale, Lieutenant Commanding Truxton, and the United States surveying steamer Vixen, Mr. Boutelle, Assistant Coast Survey.

Commander Drayton left this port on the 5th instant, and proceeded further up the Ashepoo than on the previous occasion, and landed on Hutchison's island, where he found that all the buildings, including the negro houses, and the picked cotton, had been burned two days before. An attempt had been made at the same time to drive off the negroes, some of whom had been shot in their efforts to escape. Commander Drayton draws a most painful picture of the condition of the negroes, especially of the aged and infirm.

He afterwards explored the Coosaw as far as the entrance of Beaufort creek. Here he witnessed a similar scene of desolation; and such was the destitute state of the negroes, that he was induced by their earnest entreaties to bring some of them to Otter island, where they were supplied with food by his order.

The Isaac Smith and Dale remain at Otter island to assist the army in its maintenance.

Very respectfully, your most obedient servant,

S. F. DUPONT,

Flag-Officer Comd'g South Atlantic Blockading Squadron.

Hon. GIDEON WELLES, *Secretary of the Navy.*

UNITED STATES STEAMER PAWNEE,

Fort Royal Harbor, S. C., December 9, 1861.

SIR: In obedience to your order of the 4th instant, I proceeded to sea at daylight of the 5th, accompanied by the gunboat Unadilla, Lieutenant Commanding N. Collins, steamer Isaac Smith, Lieutenant Commanding J. W. A. Nicholson, and Coast Survey steamer Vixen, Captain Boutelle, and reached the

anchorage off the fort on Otter island, St. Helena sound, at midday. In the course of the afternoon, some negroes coming on board, and reporting that there was a body of soldiers at the entrance of Mosquito creek, a place up the Ashepoo where the inland route to Charleston commences, I proceeded as far as that place, when the night coming on, obliged me to return.

I saw, however, no signs of the presence of white people, excepting that some buildings, which I discovered the next day to have been in Hutchison's island, were burning. On the morning of the 6th, the United States sloop Dale, Lieutenant Commanding W. F. Truxton, appearing off the harbor, I sent the Isaac Smith to tow her in, a pilot being furnished by Captain Boutelle.

Unfortunately, however, when half-way up, the Dale stuck fast, and as it was then about high water, no exertion could get her afloat until eleven o'clock of that night, when she was forced into deep water, without having suffered any apparent injury, and towed the following morning, by Captain Boutelle, in the Vixen, around Morgan island, this having become necessary, owing to her having forced over the shoal which divides that channel from the one she was in originally. So soon as she was safely at her anchorage near us, I proceeded up the Ashepoo with the Unadilla, Isaac Smith, and Vixen, to examine that river further up than I had been able to do on the previous occasion. On approaching Mosquito creek, we saw a picket of soldiers, who took to their horses, however, on our approach, and escaped into the woods, hastened, perhaps, in their flight by a shot or two, which were thrown after them.

Continuing up the river, I landed on Hutchison's island, and found that two days before all the negro houses, overseer's house, and out-buildings, together with the picked cotton, had been burned.

The attempt had at the same time been made to drive off the negroes, but many had escaped, although some of their number, they said, had been shot in attempting to do so. The scene was one of complete desolation; the smoking ruins, and the cowering figures which surrounded them, of those negroes, who still instinctively clung to their hearthstones, although there was no longer shelter there for them, presented a most melancholy sight, the impression of which was made even stronger by the piteous wailing of the poor creatures, a large portion of whom consisted of the old and decrepid. We were not able to leave until some time after dark, and singular enough the moment we were fairly under way, a bright signal light was burned on the very plantation we had just quitted, showing that some of the blacks, for there was certainly no white man there, were communicating the fact of our departure. On the following morning, with the same vessels, I started to explore the Coosaw river, but very soon after leaving, the Unadilla, unfortunately, was completely disabled by the breaking of a main crosshead, and I was obliged to leave her at anchor, and continue on with the other two vessels. When off Fort Heyward, I left the Isaac Smith, it not being quite safe to take so long a vessel higher up, and continued in the Vixen as far as the entrance of the Beaufort creek to a place called the Brick Yards, where I had been told there was either a fort or a guard of soldiers. Nothing, however, being seen of either, I anchored off a plantation belonging to Mr. Bythewood close by, for the purpose of getting information, as I saw a great many negroes there.

On landing, I found that a short time previously the cotton-house with its contents had been burned, and all of the negroes that could be caught had been taken away. Here were large numbers of those, however, who had left Hutchison's island after their houses had been burned, and who, with their household effects piled up about them, lined the beach; some of them begging to be permitted to go to Otter island, saying that they had neither shelter nor food, were taken back with us.

Late in the afternoon I returned down the river, reaching our anchoring off Fort Otter at sunset, the Unadilla having been towed to the same place by the

Isaac Smith. As I did not see that the services of the Pawnee were any longer necessary in St. Helena sound, and thinking it important to get the Unadilla as soon as possible to a place where her engines could be repaired, I determined this morning to tow that vessel to Port Royal harbor, which I have done, reaching here, in company with the Vixen, at half-past seven this evening.

In obedience to your instructions, before leaving, I transferred the charge of the fort and adjacent waters to Lieutenant Commanding Nicholson, who, with the Isaac Smith and Dale, will remain there until he receive further orders from yourself.

As about one hundred and forty negroes, most of them in a very destitute condition, had collected at Otter island before my departure, I directed Lieutenant Commanding Nicholson to see that they were supplied with food until some disposition could be made of them, or until he heard from you.

Very respectfully, your obedient servant,

P. DRAYTON, *Commander.*

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Squadron,

Port Royal Harbor, South Carolina.

Lieutenant Commanding G. B. Balch's report of a reconnoitring rebel steamer.

UNITED STATES STEAMER POCAHONTAS,
Off Stono Inlet, South Carolina, December 26, 1861.

SIR: I have the honor to report that whilst engaged in the blockade of Stono, and being at anchor on the afternoon of this day, a steamer came down through one of the island channels and passed in front of Stono inlet, and, I was in hopes, in range of our guns. I directed the 10-inch gun to be fired at her; but before the shot could be repeated she had passed across the inlet up another channel. My impression is that the steamer brought down a reconnoitring party.

Soon after firing on the steamer two batteries opened on the Pocahontas with rifled guns, which dropped their shot only from 50 to 150 yards short, and I can commend their accuracy of fire.

We replied to the fire of the two batteries, firing twelve 15" shells and three 32-pounder solid shot, but the distance was too great to reach them. And I have to report that, owing to our strong desire to get closer, this ship touched the bottom several times, but being soft, and having been promptly relieved from her unpleasant situation, I can confidently express the opinion that she is uninjured either in hull, lower mast, or bowsprit, as also in her machinery.

The enemy discontinuing the fire, and having had the last shot at his batteries, I stood out in deeper water and anchored.

The superiority in range of his guns was soon discovered by us, and we could but express the regret that the depth of water prevented us from shortening the distance and thus equalizing the power of his guns.

I have the honor to be, with great respect, your obedient servant,

G. B. BALCH,

Lieutenant Commanding Pocahontas.

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Blockading Squadron,

Port Royal, South Carolina.

Flag-Officer DuPont, enclosing report of the clearing of Coosaw river, January 1, 1862.

FLAG-SHIP WABASH,
Port Royal Harbor, January 4, 1862.

SIR: I have the honor to inform the department that the attention of General Sherman and myself has been drawn for some time past to the design of the enemy to shut up our troops in Port Royal island by placing obstructions in Coosaw river and Whale branch; by constructing batteries at Port Royal ferry, at Seabrook, and at or near Boyd's Neck; and by accumulating men in this vicinity in such a manner as to be able to throw a force of twenty-five hundred or three thousand troops upon any of these points at a short notice.

In a confidential communication of the 28th ultimo, the general informed me that the time had arrived for arresting peremptorily the designs of the enemy, and for doing it in such a manner as would serve a subsequent purpose, and he requested me to furnish my quota of the force to be employed in this combined operation.

The plan of conduct having been fully determined in several conferences between the commanders-in-chief and the heads of the expedition, and the first day of the new year having been selected for the time of attack, I appointed Commander C. R. P. Rodgers to the command of the naval forces, consisting of the gunboat Ottawa, Lieutenant Commanding Stevens, Pembina, Lieutenant Commanding Bankhead, and the four armed boats of this ship carrying howitzers, under the charge of Lieutenants Upshur, Luce, and Irwin, and Acting Master Kempff, all of which were to enter the Coosaw by Beaufort river; and of the gunboat Seneca, Lieutenant Commanding Ammen, and the tug-boat Ellen, Acting Master Commanding Budd, both of which were to move up Beaufort river and approach the batteries at Seabrook and Port Royal ferry by Whale branch. The armed tug C. B. Hale, Acting Master Foster, under the command of Lieutenant Barnes, was afterwards despatched to Commander Rodgers.

The part assigned to the naval force was to protect the landing of the troops at Haywood's plantation, (the first point of debarkation,) to cover the route of the advancing column and the second point of debarkation, and to assail the batteries on their front.

I refer you with pleasure to the official reports for the occurrences of the day; and I have only to add that from the note of Brigadier General Stevens, (a copy of which accompanies this report,) and from various other sources, I learn that the naval part of the expedition was conducted by Commander Rodgers with the highest skill and ability. I have the honor to transmit herewith his detailed report, which the department will read with interest.

Respectfully, &c.,

S. F. DUPONT,
Flag-Officer Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES FLAG-SHIP WABASH,
Port Royal Harbor, S. C., January 3, 1862.

SIR: I reached Beaufort at noon on the 31st of December with the gunboats Ottawa, Lieutenant Commanding Stevens, and Pembina, Lieutenant Commanding Bankhead, and the four large boats of this ship, each carrying a twelve-pound howitzer, under Lieutenants Upshur, Luce and Irwin, and Acting Master Kempff.

At sunset Lieutenant Barnes, of this ship, joined me with the armed steamer E. B. Hale, Acting Master Commanding Foster.

In order that no intimation might be given to the enemy of our approach, these vessels remained at Beaufort until after dark, when they ascended the river to a point about two miles from the Coosaw, where we anchored to await daylight.

At four the next morning I moved on with the launches, and at daylight joined General Stevens, at the head of his column, at the appointed place of rendezvous. The troops having all embarked, we crossed the Coosaw, and at 8 a. m. the first detachment of volunteers landed, under cover of our boat guns, at Haywood's plantation, and with them went the two light howitzers of the Wabash, to serve as a section of light artillery, under Lieutenant Irwin, of the ship.

At sunrise Lieutenant Commanding Stevens succeeded in getting the Ottawa through the difficult passage of the "Brick Yard" and in joining me in front of the column. The Pembina and E. B. Hale arriving shortly afterwards we proceeded to the next landing, at Adams's plantation, where the remaining troops were ordered to disembark. In our way up we threw a few shells into what seemed an outpost of the enemy, near a long embankment.

Anchoring the gunboats at 10 o'clock so as to cover the route of the advancing column and the second point of debarkation, where also our launches were stationed, I went up in the Hale to within range of the battery at Port Royal ferry, at which Lieutenant Barnes threw a few shot and shell, dislodging a body of troops stationed in the adjoining field, but eliciting no response from the battery.

At 1.30 p. m., General Stevens being ready to move, the gunboats shelled the woods in front of his skirmishers, and then advancing we threw a rapid fire into the fort at Port Royal ferry, and anchored in front of it at 2.40 p. m., the Ottawa passing between the heads of the two causeways. The enemy had succeeded in taking off all their guns save one, but I could not learn whether any except field guns had been removed on the day of the attack. We found a quantity of 8-inch shells and 30-pounder rifled shells in the magazines.

At half-past two the Seneca, Lieutenant Commanding Ammen, and the Ellen, Master Commanding Budd, (the other vessels which you had placed under my orders,) having passed from Broad river through Whale branch, came within signal distance, and their commanders came on board the Ottawa, having assisted in the destruction of the work at Seabrook, but their vessels were prevented, by the lowness of the tide, from joining me. The Ellen came up at 8 o'clock, and the Seneca the next morning. Immediately after the Ottawa had anchored the ferry was reopened, and the Pennsylvania Roundheads passed over and occupied the fort, where they were joined about 4 o'clock by General Stevens's advance guard. The enemy appearing in force and in line of battle upon the right of our troops, at 4.15 the Ottawa moved down the river a short distance with the Pembina and opened fire with 11-inch and Parrott guns, their shells falling among the enemy's troops with great effect, driving them into the woods, and clearing the flank of our column, where the skirmishers had been engaged, and the enemy had opened fire from a field battery of several pieces.

Soon after sunset we ceased firing for a while, and the enemy sent a flag of truce to one of our advanced posts, to ask permission to carry off their killed and wounded. Just then the gunboats reopened, and before General Stevens's messenger could convey his reply, that the firing should cease for an hour, to enable the enemy to carry off their wounded, the officer who had brought the flag had galloped off. At sunset I landed our heavy howitzers, directing Lieutenant Upshur to place it in battery with the guns already on shore, under Lieutenant Irwin, there being no artillery with the brigade but that of the Wabash. At the same time Lieutenant Luce, with the second launch and its rifled gun, and Lieutenant Barnes, with the Hale, were sent to the lower landing, to protect the

boats and steamer in which our troops had crossed, and to superintend their removal to the ferry, which was accomplished about midnight.

At sunrise we re-embarked our boat guns. At 9.30 on the morning of the 2d, the enemy again appearing in the woods, we opened a hot fire of shot and shells from the Ottawa, Seneca, Pembina, Ellen and Hale, and after firing briskly for a time slackened the fire so as to drop a shot or shell into the woods about once a minute.

At 9.40 our troops began to recross the ferry, and were all over by noon; our field guns having been landed, at the request of General Stevens, to cover the rear of the returning column.

The enemy made no further demonstration. The scows which had been used in crossing were taken to our vessels, to be towed to Beaufort, and at 2 p. m. we got under way and moved down the Coosaw, to a point near the Beaufort river, where we were compelled to wait for the morning's tide to pass through the "Brick Yard" channel.

I beg leave to express to you the great satisfaction I found in co-operating with General Stevens, and my admiration of the skilful manner in which he handled his troops and made his combinations. About 2,500 of our volunteers crossed the Coosaw; their conduct and bearing were excellent.

I have to thank the commanding officers of vessels for the skilful and prompt support they gave me. The manner in which their guns were served and their vessels handled, under very difficult circumstances, shows the highest professional merit. The manner in which the boat and field guns of the Wabash were managed by the officers in charge of them did those officers much credit. Lieutenant Commanding Ammen will make a separate report of the service of the Seneca and Ellen, at Seabrook, before I met him at half-past two on New Year's day. It is unnecessary for me to say to you that his work was thoroughly done.

The channel of the Coosaw is so narrow and so shallow in many parts that it does not afford a vessel room to turn by the ordinary methods, and our gunboats were consequently very often aground; but so admirably are they adapted to this kind of service that we never felt any solicitude for their safety.

Lieutenant Coggsell, a signal officer of the army, was directed to report to me for duty, and furnished me with the means of constantly communicating with General Stevens with a facility and rapidity unknown to the naval service. I take this opportunity of recommending that the code of signals invented by Major Meyer be at once introduced into the navy.

I have the honor to be, &c.,

C. R. P. RODGERS, *Commander.*

Flag-Officer S. F. DUPONT,

Commanding South Atlantic Blockading Squadron.

HEADQUARTERS SECOND BRIGADE E. C.,

Beaufort, S. C., January 3, 1862.

MY DEAR COMMODORE: I would do great injustice to my own feelings did I fail to express my satisfaction and delight with the recent co-operation of the command of Captain Rodgers in our celebration of New Year's day.

Whether regard be had to his beautiful working of the gunboats in the narrow channel of Port Royal, the thorough concert of action established through the signal officers, or the masterly handling of the guns against the enemy, nothing remained to be desired.

Such a co-operation tends to elevate and inspirit both services, and augurs everything propitious for the welfare of our cause in this quarter of the country.

Truly your friend,

ISAAC I. STEVENS,
Brigadier General Commanding.

Commodore S. F. DUPONT,
Commanding Squadron, Port Royal.

Attack on batteries on the Coosaw river, January 1, 1862.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., January 6, 1862.

SIR: I have the honor to forward the report of Lieutenant Commanding Ammen, of the Seneca, detailing the proceedings of the Seneca and the Ellen in the attack on the batteries in the Coosaw river, on the 1st of January.

Respectfully, your obedient servant,

S. F. DUPONT,
Flag-Officer Com'd'g South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES GUNBOAT SENECA,
Port Royal, S. C., January 3, 1862.

SIR: The circumstances which prevented a fulfilment of your verbal instructions, on the evening of the 31st, are known to you. After obeying your signal to come within hail, we left at sunset, accompanied by the Ellen, Acting Lieutenant Budd. We soon found ourselves out of the channel, and anchoring in three fathoms water, the Seneca swung and grounded on a shoal. We soon succeeded in getting off, but as it was near high water of spring tide, I was not willing to risk the co-operation of the vessels by attempting to run the somewhat intricate channel of Broad river after night.

At early daylight of January 1st we were again under way. At about 8 a. m. we entered Whale branch, and after about two miles run, were boarded by Captain Elliott, 79th Highlanders, who showed me his orders from General Stevens. As they were entirely definite, I did not hesitate to lend our full co-operation to the objects named, but as they differed somewhat from my instructions, I asked a copy.

A mile higher up Captain Elliott pointed out a supposed earthwork at about ten seconds range. The channel being narrow we anchored with a kedge at each end, and opened with 11-inch and 20-pound rifle. The vessel dragging in the direction of the earthwork and bringing up just beyond a five-second range induced me to weigh and get a little nearer. Anchoring with kedge astern and port anchor, and afterwards by the help of the mainsail, we were enabled to shell the locality of the earthwork and adjacent woods effectually, in which we were ably seconded by the Ellen.

Captain Elliott embarked about three hundred men and landed on the site of the earthwork, and by means of signals indicated to us the position of the enemy, in sight from his pickets. We again opened fire, and sweeping the woods with shell, soon received another signal to cease firing. On examination by them it was found that a platform was complete for a heavy gun, and the

earthworks themselves capable of mounting a number. Everything destructible was destroyed by fire: platforms, the wood-works of the magazine, and the woods in which the works were hidden. In shelling the earthworks and neighboring woods we expended twenty-three 11-inch shell, eleven 20-pound rifle, eight 24-pound howitzer shells, and ten 24-pound shrapnel.

About 2.40 p. m. the Ottawa, Commander Rodgers on board, having come within signal distance, and being abreast of Port Royal ferry, made signal to come within hail, but owing to the lowness of the tide we were unable to comply, getting aground in the attempt. The Ellen, however, at 8 p. m. was able to obey the signal.

We learned in the morning that four hundred rebel cavalry were within a thousand yards of our anchorage. At a plantation they set fire to cotton and corn-houses, driving off the young negroes, and leaving the decrepit without the means of subsistence.

At 10 a. m. on January 2, by order of Commander Rodgers, we got under way, and after a short detention on another sand-bank, succeeded in reaching Port Royal ferry, and by order commenced shelling the enemy's encampments, expending in doing so nine 11-inch shell and six 20-pound rifle. We took four scows in tow belonging to the army, and brought them to Beaufort from Port Royal ferry, by order of Commander Rodgers; and being directed to follow signals of the Ottawa, any further report is deemed unnecessary.

I have the honor to be, very respectfully, your obedient servant,

DANIEL AMMEN,

Lieutenant, Commanding Seneca.

Flag-Officer SAMUEL F. DUPONT,

Commanding South Atlantic Blockading Squadron.

Acting Volunteer Lieutenant J. B. Baxter's report of the burning of the schooner Prince of Wales.

FLAG-SHIP WABASH,

Port Royal Harbor, South Carolina, January 7, 1862.

SIR: I have the honor to inform the department that on the 24th ultimo the Gem of the Seas, Acting Volunteer Lieutenant Commanding Baxter, ran on shore and burned the British schooner Prince of Wales, of Nassau, New Providence, (on the list of vessels furnished by the department,) laden with salt and oranges, at North inlet, nine miles to the northward of the entrance to Georgetown. His report is enclosed. * * * * *

I am, sir, respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer, commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES BARK GEM OF THE SEAS,

Off Georgetown, South Carolina, December 25, 1861.

SIR: About half-past seven o'clock yesterday morning, as we were cruising off the north end of North island, wind from north, saw a schooner running down the coast, close in shore. We immediately tacked and stood to the northeast, in order to cut her off; she then hauled to the wind, and stood in for the land. We immediately tacked ship again, hoisted our colors, and stood in for

land. As she did not show her colors, we fired a shot across her bows, to which she paid no attention. We then gave her another shot, which fell astern of her. A third shot was then fired, which we afterwards discovered went through her bulwarks, cut in two a spar lying on deck, then struck a cask of water, and glanced through her deck into the hold. Four more shots were fired at her, which did no execution. As the last shot was fired she passed into the north entrance, and after running about a quarter of a mile inside the point, ran aground. One of her boats was immediately lowered and pulled with all haste up the creek. The creek, or channel, could be plainly seen from the mast-head. We were then laying too, about two miles from land, in five fathoms water. We lowered the first cutter without delay, and sent Mr. Coffin, (master's mate) towards shore to take soundings. At this time a sail was reported bearing south-east from us, which we soon made out to be the United States steamer James Adger. The captain's gig was then lowered, and Mr. H. A. Clark, (executive officer,) was sent in to reconnoitre; and soon after the schooner was reported to be on fire, and two boats pulling away from her up the creek for dear life. On coming up with the first cutter, Mr. Clark joined Mr. Coffin, sent his own boat back, pulled inside the bar and boarded the vessel, which proved to be the English schooner Prince of Wales, of Nassau, New Providence, loaded with fruit and salt. Her cabin was in flames, and the wind was blowing the fire forward. As the tide was rising, she soon swung off, when he let go her anchors; this brought her head to the wind, and took the fire over her stern; after which Mr. Clark left her and pulled for the bark to report. In the mean time we had lowered the second cutter and sent Mr. Provost (acting master) to the assistance of Mr. Clark. Signals for assistance were also set for the steamer, but she only came within two miles of us, and there lay, without answering them, for at least two hours. The second cutter went in and boarded the schooner, passing Mr. Clark on his return about a quarter of a mile outside the breakers. Mr. Provost immediately set all hands to work to check the fire, hoping to save the schooner and bring her out to sea. Having no buckets, the whole complement of cooking utensils, such as saucepans, kettles, coffee pots, &c., were brought into requisition, and, after an hour's hard labor, throwing water and sprinkling salt over the burning timbers, the fire was subdued. By this time Messrs. Clark and Coffin had returned, and we at once hauled up the anchors and attempted to tow her out. Another boat then came alongside from the bark, under charge of Mr. Molloy, (master's mate.) They succeeded in towing her out of the creek, when a fire was opened upon them with rifles from the main land, the bullets dropping and skipping around them so thick and fast that they attempted to turn from the channel and find a passage to tow her through the breakers; she soon grounded, however, and finding no passage except through the channel, which runs close under the land, within 150 yards of the beach where this company of riflemen were stationed, they were obliged to abandon the schooner, but not until they had kindled good fires fore and aft. The second cutter, in charge of Mr. Provost, was detained some time longer than the other boats, in order to get the fire well started; when, as she crossed the breakers, eight rebels made their appearance on the point (having crept along on the outside of the island while they were inside) and opened a brisk fire upon the boat, which was returned from all the boats. None of our men were injured, although the bullets fell over and around them as fast as the scoundrels could load and fire their pieces.

The steamer came within hailing distance in the afternoon, and, after having a consultation with Captain Marchand, we sent in fire-boats (two from the bark and three from the steamer) to blow the schooner to pieces, fearing that, otherwise, she might not be effectually destroyed.

But, on reaching the breakers, the tide was found to be entirely too low for the boats to enter, and we were obliged to abandon the attempt. On turning to

leave, our boats were greeted with terrific yells from the rebels on the island, and also with another charge of musketry, but received no injury.

The schooner is still burning this morning, and her masts have gone overboard, and I have no doubt that she and her cargo are hopelessly ruined.

I am, respectfully, your obedient servant,

J. B. BAXTER, *Commanding.*

Commodore S. F. DuPONT,

Flag-Officer, South Atlantic Squadron.

Reports by Lieutenant Commanding Ammen of occurrences in North Edisto river from December 24, 1861, to January 21, 1862, inclusive.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., February 1, 1862.

SIR: I have had the honor to forward to the department the report of Commander Drayton of a reconnoissance in South and North Edisto. I have, since this reconnoissance, always had one or two ships in North Edisto, and I herewith enclose three interesting reports of Lieutenant Commanding Ammen, of the Seneca, detailing occurrences there up to a very recent period.

Respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer, Comd'g South Atlantic Blockading Squadron.

Hon. GIDEON WELLES, *Secretary of the Navy.*

UNITED STATES GUNBOAT SENECA,

Port Royal, S. C., December 29, 1861.

SIR: In obedience to your order of the 23d instant, I have to inform you that the Seneca entered North Edisto harbor on the noon of the following day. Not having taken the precaution to run up the distance and anchor off the port in the morning, owing to a strong northwest wind and consequent current, we found ourselves at daylight near Charleston.

We found the Penguin at North Edisto, and that the blacks under her charge on Botany Bay island were constantly increasing in number, amounting, at this time, probably to between seven and nine hundred. They have built huts and appear contented, but I fear their supplies of corn will soon fall short, owing to their improvidence and the limited extent of country over which they range.

I bring from the Penguin three prisoners, white men, who were taken by the negroes on Edisto island and brought on board of that vessel by them. They are, doubtless, the three men alluded to in my verbal report of the 22d. I found, at the works of the enemy on the west point of Edisto harbor, 141 8-inch shell buried in the sand; they were saboted, filled, and fuzeed. Owing to their exposure I thought the fuzes defective, even if ever of good quality, and therefore carried the shells to the low-water mark to prevent accident on the removal of the fuzes. The shells themselves are not of such quality as we would wish to use in our service.

On the morning of the 26th, owing to exact information that the house of Mr. King was again the quarters of rebels, this vessel went up the river, and from a convenient locality shelled the premises, and also a wood on White Point, in which a number of cavalry had taken refuge. They left in haste, and, I am informed, with the loss of a man killed or wounded. I learned yesterday evening that on the 26th one thousand additional men had arrived at the localities mentioned, and that on the 27th two heavy field-pieces of artillery had been brought, and that on the 28th six additional pieces had arrived, two of which had been carried to some point that I could not ascertain. On this morning the

Seneca, accompanied by the Penguin, Lieutenant Commanding Budd, shelled the locality and some fifty cavalry, who took to flight. Not doubting the fact of heavy pieces of artillery having been brought and not yet in battery, I regarded it as of sufficient importance, and falling within my instructions, to communicate with you without delay.

It may be well to state that Wadmelaw, John's, and some parts of North Edisto islands, are infested with gangs of rebel cavalry, whose principal, if not sole, object is to drive the negroes into the interior. We understand there is a large encampment within three miles of Rockville, and that at low tide they visit that locality; but not wishing to injure property, and bearing in mind your order to that effect, I have not shelled it. I have established a beacon and range on the southwest side of North Edisto harbor, and found it to answer well for our draft of water, but will reserve sailing directions until we have had an opportunity of making soundings in the vicinity of the range and over the bar.

Bearing in mind your inquiry as to the use of Stono as a port for Charleston, I have to inform you that one of the prisoners appears to have exact information on that point.

I have the honor to be, &c.,

DAN'L AMMEN,
Lieutenant, Commanding Seneca.

Flag-Officer S. F. DuPONT,
Commanding South Atlantic Blockading Squadron.

UNITED STATES GUNBOAT SENECA,
North Edisto Harbor, January 8, 1862.

SIR: I have the honor to report that at 8 a. m. of the 5th we entered the port of North Edisto, having left Port Royal at 4 p. m. of the 4th instant. The Penguin, Lieutenant Commanding Budd, was in command of these waters. The colony has largely increased, numbering, probably, one thousand negroes.

On the 2d or 3d the Penguin went up to Bear bluff, particularly to enable the negroes to get a supply of maize. They brought away one hundred bushels, and burned the remainder, and also the house occupied by rebel soldiers, who had fired upon them. I have encouraged the collection of maize and other food, and have no apprehensions of immediate want.

On the morning of the 7th the Seneca proceeded up to White Point, accompanied by the Penguin. We found King's house apparently deserted, and only a few mounted pickets at James Legare's, and ascertained that they no longer used the houses as barracks.

The rebels have brought nine pieces of field artillery, no doubt for our benefit should we get aground near White Point. This, I suppose, is the heavy artillery mentioned by a former report. I regard it as advisable, and perhaps necessary, that two vessels should be here, and also, if the army do not intend to occupy this important point, that all the blacks who desire to leave should have the opportunity. This would, no doubt, avoid, in some measure, the exertions which will otherwise be made, sooner or later, to capture them.

The prisoner, a Mr. Black, is well known to the blacks, who appear to regard him with great suspicion. You will remember him as the person sent up to me, and to be released. Owing to their fears, I continue to hold him, and shall do so several days longer.

I have the honor to be, very respectfully, &c.,

DAN. AMMEN,
Lieutenant, Commanding Seneca.

Flag-Officer SAMUEL F. DuPONT,
Commanding United States Naval Forces in the Southern Atlantic.

UNITED STATES GUNBOAT SENECA,
Port Royal, South Carolina, January 21, 1862.

SIR: I have the honor to report that about the 15th instant a party of seven, headed by a man named Magraw, who, I understand, has been a prisoner and was released, came to Edisto island, from the western side, and took some two hundred bags of cotton, carrying it to the main land.

As stated in my report of the 8th instant, I have endeavored to impress upon the negroes the necessity of obtaining supplies, and for that purpose they have visited the plantation of John Townsend, which lies within range of 11-inch gun, from near the usual anchorage at North Edisto. On Sunday (19th) two negroes, who went up early and in a heavy fog, narrowly escaped being shot or captured by a party of soldiers; the number seen was estimated at twenty. One of the negroes was shot through his clothing. As soon as the fog cleared away I took the vessel in position which would enable us to see to the best advantage, and as no signs of life appeared, did not throw shells.

It is understood from negroes that considerable supplies of cotton may still be found on Edisto island if a reconnoissance in force should be made. If that is not contemplated, or its occupation, I fear the colony, now numbering about one thousand two hundred, will be in want of food, perhaps within a fortnight. As every party going after maize will have to be accompanied by armed boat's crews and a howitzer, I fear that collecting food over the country will fall below or hardly exceed the consumption.

The bad weather, and the absence of other vessels, have prevented taking soundings over the bar and forwarding directions for crossing, and also a particular examination of the bar off Stono, if it could have been done without prejudice to the duties assigned me.

I learn from the negroes that they have small quantities of cotton hidden in various localities, and small quantities unginmed are to be found on nearly all of the plantations on Edisto island, the soldiers not having been there to burn the cotton-houses, as they did on the opposite shores, on the arrival of the Pawnee, accompanied by this vessel. I would think it advisable that the officer controlling these waters should know whether it is desirable to induce the negroes to bring the cotton in and to gin all that can be reached; and if so, what amount of compensation would be allowed them per pound, or otherwise.

It is understood that supplies of maize are much needed in Charleston and elsewhere. I have accounts of several lots that were on Wadmelow and John's islands having been removed, and think the incursions mentioned on Edisto are to effect the same object, as well as the removal of the cotton crop supposed to be there.

The force of a gunboat is so limited as not to admit of landing a formidable party. On that account I have not deemed it advisable to land, and did not intend to do so, except, from time to time in the immediate vicinity of the water, for the protection of the negroes in obtaining their necessary supplies. You will perceive how advantageous to our purposes a reconnoissance in force would be, even if continued only one or two days.

It is worthy of note, as indicating the changes in the blacks, that now they express themselves most anxious to obtain arms. The black man who has general superintendence of the colony, wished to land his forces in Rockville and drive the soldiers back, expressing the utmost confidence that with about twenty old muskets that they had picked up, many of them with flint locks, he would be able to effect his object.

Upon the arrival of the Crusader, Lieutenant Commanding Rhind, off Edisto bar yesterday morning, the Seneca stood out and piloted her into the harbor, barely getting in before a dense fog set in, which continued until it was not possible to reach Port Royal that evening with the strong head wind then blow-

ing. At 5.30 a. m. to-day we were under way, and stood up to White Point, Lieutenant Commanding Rhind on board, in order that he might see certain points, and that I might note any change of interest for your information. We found no guns in position, but a body of horsemen fifty or a hundred strong, and expended three 11-inch shells in getting them in motion.

Mr. Black, the prisoner who was sent for release, appears to be very much dreaded by the negroes; they fear his being able to communicate information to their prejudice, and on that account, much against my inclination, I continue to hold him on board of this vessel, deeming it prudent that he should be held until a force is sent to occupy that point, or, at least, until it is possible for you to spare another vessel. A party of negro men, anxious to obtain work, asked a passage to Port Royal; I have brought them and their families, numbering, perhaps, fifty persons.

I have the honor to be, &c.,

DANIEL AMMEN,
Lieutenant, Commanding Seneca.

Flag-Officer S. F. DuPONT,
Commanding South Atlantic Blockading Squadron.

Flag-Officer Dupont encloses "several interesting reports" from Lieutenants Commanding Nicholson and Truxtun, of operations in St. Helena sound, S. C.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., February 3, 1862.

SIR: I had the honor, in a previous despatch, dated the 23d of December, 1861, to forward to the department the report of Commander Drayton's reconnaissance in North Edisto and adjacent waters.

The Isaac Smith, Lieutenant Commanding Nicholson, and the Dale, Lieutenant Commanding Truxtun, have been holding possession of St. Helena sound, and I have the honor of forwarding several interesting reports made to me by Lieutenant Commanding Nicholson, dated December 13 and January 14, and by Lieutenant Commanding Truxtun, dated December 27 and January 13.

Respectfully, your obedient servant,

S. F. DUPONT,
Flag-Officer, Commanding South Atlantic Blockading Squadron.
Hon. GIDEON WELLES, *Secretary of the Navy.*

UNITED STATES STEAMER ISAAC SMITH,
St. Helena Sound, December 13, 1862.

SIR: I have the honor to make the following report of my movements since Commander Drayton left me in charge of this place:

On the 10th instant went up the Ashepoo as far as the fort on Fenwick's island, taking with me boats from the Dale, her marine guard and forty men, with officers; also twenty contrabands, with their boats, to get potatoes. Observed no change since my previous visit. Brought down and landed on Otter island, near the fort, (which I have named Fort Drayton, after Commander Drayton, of the Pawnee,) a quantity of lumber, corn, a corn-mill, two horses,

one cart, and other articles to make the contrabands comfortable. Three contrabands came in during the day, reporting the rebels to be obstructing the river about ten miles above where we had been. Sent them on the island.

On the 11th instant, discovering two vessels outside, stood out to ascertain their character. Finding them transports with troops to garrison this place, stood back to the anchorage and made all preparations for turning Fort Drayton over to the army. At four o'clock, the hour agreed upon, I went ashore with Lieutenant Commanding Truxtun and several officers from each vessel, and formally turned over Fort Drayton, with all the property, contrabands, &c., to Colonel Welsh, the commanding officer of the army, my men marching out of the fort as his men marched in.

On the 12th instant again went up the Ashepoo, taking the marines of the Dale, and having Colonel Welsh, of the army, and Lieutenant Commanding Truxtun as passengers. Landed the party at Fenwick's Island fort, to make a reconnoissance, and when finished, stood up the river as far as Mosquito creek. Seeing a picket of several mounted men at a house which, on a previous visit, I had discovered to be their headquarters, I fired at them, once with a rifled shot, and again with an eight-inch shell. This driving them to the woods, I landed the Dale's marines, and then went on shore and burnt their quarters. Proceeded back to anchorage off Fort Drayton.

I am, respectfully, your obedient servant,

J. W. A. NICHOLSON,
Lieutenant Commanding.

Flag-Officer S. F. DUPONT, U. S. N.,
Commanding South Atlantic Blockading Squadron.

UNITED STATES SHIP DALE,
Otter Island, St. Helena Sound, S. C., December 27, 1861.

SIR: I have to make the following report:

Last evening (26th instant) Colonel Thomas Welsh, fifteenth Pennsylvania volunteers, commanding the post on Otter island, informed me that his picket guard on the upper end of Fenwick's island had seen a small schooner cruising about in the South Edisto river. I therefore despatched, at an early hour this morning, the launch and first cutter, with the marine guard, under the command of Acting Master William Ottiwell and Midshipman Silas W. Terry, to capture the schooner, and also to make a general reconnoissance of both banks of the river as far up as time and circumstances would permit. The boats returned at nine o'clock this evening, without having seen the schooner. Mr. Ottiwell reports all the houses on Bailey's and Raccoon islands to be standing in apparent good order, *but the plantations entirely deserted.*

There being no sign of secession forces on the upper side of Raccoon island, he proceeded on, in obedience to my instructions, to Pine Landing to rest the men. He there found a large deserted house. Having placed picket guards, the men were sent to dinner; a few minutes after, the guard reported seeing a carriage through the woods driving down the road. Mr. Ottiwell, with a detachment of marines, at once started in pursuit. After going a few hundred yards and turning a bend in the road, he came upon a cart half loaded, with the horse harnessed to it, standing in a potato field. He also saw a carriage driving rapidly down the road towards Eddingsville. After thoroughly examining the neighborhood and convincing himself that the place had just been hastily abandoned, he returned to his boats and proceeded up the river to a house reported by the negro pilot as belonging to Governor Aiken, in the porch of which a white woman was standing watching his movements.

When about fifty or sixty yards from the house two persons in the uniforms of officers stepped out of the house and placed their muskets against the railing of the veranda; they were almost immediately followed by some ten or twelve armed men. One of the officers invited Mr. Ottiwell to land. On being asked, "Who are you?" he replied, "Pickets of the fourth South Carolina regiment. Come on shore, I tell you."

On Mr. Ottiwell declining to do so, the whole body immediately fired a volley at the boats and took shelter behind the oak trees and shrubbery, from where they continued their fire till dislodged by canister from the boat gun and the musketry of the marines and boats' crews, when they fled behind the house for refuge. A shell thrown through the house forced them to take flight along a road leading to a village of negro quarters about a mile distant. Mr. Ottiwell continued to throw shell after them as long as they remained in range, and maintained his position in front of the house for twenty-five minutes, after which he slowly retired down the river, without a single man wounded or a boat struck.

From the fact of the bridges being destroyed, I am inclined to think that it is the lower or eastern end of South Edisto island only that has been abandoned, and that the western portion is still had in quiet possession by the rebels. Although the expedition has not been productive of any visible results, I trust the sudden and evidently unexpected presence of our boats will prove to them that we are not sleeping on our watch.

I am, very respectfully, your obedient servant,

W. T. TRUXTUN,
Lieutenant Commanding.

Flag-Officer S. F. DuPONT,
Commanding South Atlantic Blockading Squadron, Port Royal, S. C.

UNITED STATES STEAMER ISAAC SMITH,
St. Helena Sound, January 14, 1862.

SIR: I have the honor to make the following report of my movements:

On the 1st instant went up the Coosaw, and visited Ladies and Coosaw islands; brought down fresh provisions for ship's company, and returned to anchorage off Fort Drayton on the 2d instant. On the 3d went up the Ashepoo, and remained wooding and watering ship until the 8th. On the 9th I went, with a company of volunteers, about one mile above Mosquito creek. A party of mounted rebels retreated to the woods upon our appearance, their movements considerably hastened by a shot from the rifled gun. I landed and made a complete reconnoissance, but found no signs of any aggressive movements. Off Mosquito creek seven contrabands came alongside, and reported themselves as having escaped from Jacksonborough railroad depot. They had been one month on their way here; they saw but few soldiers, about one company at "Matthews's" house, on Bear island; a fort, with four guns mounted, at Wilton; no other information. I landed them on St. Helena island.

Having authorized an expedition up the South Edisto, on the 10th instant Lieutenant Commanding Truxtun, in command of two hundred men, started, Acting Master Gregory, of this vessel, accompanying him. They returned on the 12th. I forward Lieutenant Commanding Truxtun's report to me. Officers and crew all well.

Respectfully, your obedient servant,

J. W. A. NICHOLSON,
Lieutenant Commanding.

Flag-Officer S. F. DuPONT,
Commanding South Atlantic Blockading Squadron.

UNITED STATES SHIP DALE,
St. Helena Sound, S. C., January 13, 1862.

SIR: I have to inform you that on the 9th instant Colonel Thomas Welch placed companies H and K, forty-fifth Pennsylvania volunteers, numbering one hundred and thirty-one rank and file, under my command. With these two companies, and a detachment from this ship of seamen and marines, numbering in all two hundred and five fighting men, I left this ship on the morning of Friday, the 10th instant.

We visited Bailey's island; found it entirely deserted by both whites and negroes, but well stocked with cattle, sheep, and horses. We then proceeded up Bailey's creek to the Episcopal church, visiting many plantations on the way, but seeing no signs of an enemy.

On the 11th we marched from the Episcopal church to Bailey's landing on the North Edisto river, from which we saw a gunboat about two miles to seaward of us, supposed to be the Seneca.

On the 12th, at 4 p. m., reached the ship, having been absent two nights and three days. During the expedition we visited many fine plantations and elegant residences. The negroes had removed and secreted in their quarters most of the furniture that had been left by their masters. Great care was taken that nothing should be removed from any of the plantations, excepting a few books, light novels, magazines, and sufficient forage to support the party. Both the volunteers and seamen deserve credit for their general good conduct.

Very respectfully, your obedient servant,

W. T. TRUXTUN,
Lieutenant Commanding.

Lieut. Com'g J. W. A. NICHOLSON,
Senior Officer present.

Flag-Officer DuPont with reference to contemplated attack on Fernandina.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., February 8, 1862.

SIR: I have the honor to inform the department that I have been making preparations for some time past for the attack on Fernandina, by calling in the appropriate vessels (which involved many changes in the blockade) and by filling up the supplies of coal and provisions. In some particulars my supply of ammunition is short, but a movement like that which I have now in contemplation keeps so many vessels idle during the period of equipment that I will not put it off on that account. I am waiting now for settled weather. A brigade, under Brigadier General Wright, forms part of the expedition, and it affords me great pleasure to say that General Sherman will accompany it himself.

In the mean time I have, in conjunction with the military commander-in-chief, made a study of the best mode of cutting off the communication between Fort Pulaski and the city of Savannah. For this purpose military and naval reconnoissances had been pushed in boats, on the east side through Cooper river, Bull river, and Wall's cut, into Wright river; and on the west side into Little Tybee river or Freeborn's cut. Obstructions were met with in Wall's cut, consisting of a double row of piles and a hulk. The former were removed by the army sufficiently to clear the passage.

At this stage of the proceedings it was found expedient to send one or more gunboats into Wright river to make a careful survey of the passage around Cunningham's point into Savannah river, and a survey, also, of Mud river. It was decided by General Sherman and myself, in conference, to make a simulta-

neous movement on the opposite side, through Freeborn's cut and Wilmington narrows, which should serve as a demonstration to cover up our real purpose of an attack on Fernandina, and as a reconnoissance to answer the following inquiries: First. Whether there were any troops or batteries on that side of Wilmington island. Second. Whether the cut or narrows was navigable for gunboats with facility. Third. Whether the channel of Savannah river could be commanded from it, or whether the distance across the intervening marsh was too great. Fourth. The direction and termination of this creek or narrows to the northward. And lastly, whether gunboats could lie in security in the creek without the efficient support of troops and guns on shore.

To carry out these views two of the regular gunboats and four of the small armed steamers were placed under the command of Fleet-Captain C. H. Davis, who was accompanied by Commander C. R. P. Rodgers. The transports containing the troops destined for Fernandina accompanied the naval detachment, and were left at anchor in Wassaw sound. For the circumstances and results of this demonstration and reconnoissance, I have the pleasure to refer you to the report of Captain Davis, accompanying this despatch.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer, Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., February 1, 1862.

SIR: I have the honor to inform you that in obedience to your orders, I got under way on Sunday morning, the 26th ultimo, and sailed from this harbor, having under my command the gunboats Ottawa, Lieutenant Commanding Stevens; Seneca, Ammen; and the armed steamers Isaac Smith, Nicholson; Potomska, Watmough; Ellen, Master Commanding Budd; Western World, Gregory; and the two armed launches of this ship; and having in company the transports Cosmopolitan, Delaware, and Boston, on board of which were the 6th Connecticut, the 4th New Hampshire, and the 97th Pennsylvania regiments, in all twenty-four hundred men, commanded by Brigadier General H. G. Wright. Commander C. R. P. Rodgers accompanied the expedition. The vessels anchored in Wassaw sound the same evening.

On Monday morning General Wright came on board the Ottawa, in which ship I was, bringing with him Major Speidel, commanding the battalion, and company C, of the Connecticut 6th; he also sent company D, of the same regiment, on board the Seneca, where Captain Rodgers had taken up his quarters. The commanding officers repaired on board by signal, when the plan of operations was explained to them.

Owing to the shoalness of the bar and channel, it was not until half-past 8 o'clock that I entered Little Tybee river or Freeborn cut, and it was half-past 1 before I passed Fort Pulaski at the nearest point. The fort was not prepared for an enemy on this side, and did not fire into the vessels. But preparations were immediately set on foot to receive us on our return. The distance is that of a long range with a rifled gun, or one of heavy calibre.

After coming up with and passing the high land on Wilmington island, the further progress of the gunboats was arrested by a blockade of heavy piles driven in a double row across the channel. The vessels were anchored and boats were despatched from every one of them to examine the numerous creeks leading to the river, and to make a reconnoissance of the main stream. Captain

Rodgers landed with the armed launches and a detachment of troops, to scout and determine whether there were then, or had been, any batteries or guns in position on this eminence, and whether there were marks of recent occupation by troops; the regiment of City Light Guards, from Savannah, composed of very young persons, has been stationed at Scriven's. No earthworks were found, but traces were discovered of horsemen, who must have been on the spot very lately.

At 5 o'clock the confederate steamers, five in number, one of them carrying the square flag at the fore, (probably Commodore Tatnall's,) came to anchor at the mouth of the creek. They had it in their power to choose their distance, and this led to the expectation of an attack, but the night passed quietly. At this hour Captain Ammen passed the marsh and cut the telegraph wire leading from Fort Pulaski to the city.

After breakfast on the morning of Tuesday, the 28th, the surveys and examinations were received; and I am deeply indebted to General Wright for taking an active part in them all, and forming, from personal examination, his conclusions as to the military seizure and occupation of Wilmington island, to which General Sherman and yourself had called my particular attention.

At 11.15 the five steamers composing the fleet of Commodore Tatnall (as it is supposed) attempted to pass down the river with scows in tow. Captain John Rodgers, who lay at anchor in Wright river, and myself opened fire upon them, which they returned with spirit. The result of the engagement, which lasted less than half an hour was, that Commodore Tatnall and one of his squadron were driven back; the other three escaped injury, apparently, and made good their passage down to Fort Pulaski.

At 2 o'clock the latter returned up the river, and the firing was resumed. They had waited for low water, and were so well protected by the banks of the river, while we ourselves were lying in a natural trench or moat, that the harm inflicted upon them was entirely disproportionate to the amount of ammunition expended. Their shot, which would have easily reached us by ricochet on the water, were generally spent in force before they arrived at the creek in which we were anchored. We have been told by a contraband, since come in, that one of the steamers sunk at the wharf after getting to the city, and we could see with our glasses that some of our shells took effect.

The practice of the day was very instructive. At 4 o'clock on Wednesday morning I came down the narrows, passing the range of Fort Pulaski before daylight; and, leaving the other vessels in Wassaw sound, I returned to this place by the way of Tybee roads and Calibogue sound.

As a demonstration, the appearance of the naval and military force in Wilmington and Wassaw sounds has had complete success. Savannah was thrown into a state of great alarm, and all the energies of the place have been exerted to the utmost to increase its military defences, for which purpose troops have been withdrawn from other places.

As a reconnoissance the results are satisfactory. We have improved our knowledge of these obscure and intricate passages. We have ascertained that Wilmington island is abandoned not only by the enemy's troops, but even by its inhabitants; that this cut or narrows can be navigated by gunboats without difficulty, but, on account of the width of the marsh, opposite to the high land on Wilmington island, that the channels of Savannah river cannot be advantageously commanded from this point at any time, and especially at low water; that gunboats could not lie in safety in any part of the narrows, unless Wilmington island were occupied in force, on account of the advantages it possesses for constructing masked batteries, and the protection it affords to riflemen and skirmishers.

In the event of my arriving at an unfavorable conclusion in respect to the naval occupation of this passage, you directed me to consider the propriety

of placing in it some obstructions which would render it useless to the enemy. In this respect he has anticipated our wishes; but the obstructions can be removed hereafter, if desirable.

During the engagement of Tuesday, Colonel Rosa, commanding at Tybee, sent an aid to me with an offer of additional troops. I beg leave to call your particular attention to this act of courtesy and display of public spirit.

While all communication between Captain John Rodgers, in Wright river, and myself, in Wilmington narrows, by means of navy signals, was very difficult or wholly impossible, the communication with army signals was easy and perfect. I recommend, therefore, their use in the naval service.

The conduct of the officers and men has been, as always, entirely satisfactory. My special acknowledgments are due to General Wright for prompt and efficient service, voluntarily given, and to Commander C. R. P. Rodgers, whose zeal in the public service and superior ability render his aid, wherever directed, a most valuable accession.

I have the honor to be, very respectfully, your obedient servant,

C. H. DAVIS,

Fleet Captain South Atlantic Blockading Squadron.

Flag-Officer S. F. DuPONT,

United States Navy, Commanding South Atlantic

Blockading Squadron, Port Royal Harbor, South Carolina.

Report of the Crusader's proceedings in North Edisto, by Lieutenant Commanding A. C. Rhind, February, 1862.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., February 15, 1862.

SIR: I have the honor to forward a copy of an interesting report of Lieutenant Commanding A. C. Rhind, of the Crusader, dated February 7, detailing proceedings in North Edisto since the departure of the Seneca. General Sherman has sent a small regiment of soldiers to North Edisto.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer, Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

UNITED STATES STEAMER CRUSADER,

North Edisto, February 7, 1862.

SIR: I have received this morning, by the Blunt, your communication of the 5th instant, with the mail for this vessel.

Since the departure of the Seneca there has been a larger addition to the colony of negroes on Botany Bay island, and, taking the number as estimated by Lieutenant Ammen at that time at 1,000 to 1,100, there must be at present at least 1,400 collected there.

On the 23d instant word was brought to us late in the day that some confederate troops had landed on Edisto island, and were moving off and shooting the blacks. We got under way at once and went up the river, found about 100 to 150 blacks collected at Point of Pines wharf, despatched boats from the colony to

carry them down, and proceed up the river to the mouth of Steamboat creek, and fire some shell at the houses where the troops were reported to be. At dusk anchored again at Point of Pines, when another party of blacks had meantime collected, and remained there until they had all escaped below. Some 200 were thus added to the colony. Since that time they have been constantly coming in in small parties. On the 26th we went up the river to enable the blacks to collect some corn at the plantations on Steamboat creek. I went into the creeks with our boats, and, finding the negroes engaged in plundering the houses instead of getting corn, I ordered them off. I have endeavored to check their propensity to plunder, but with only partial success. On the 3d inst. (having previously sounded out the creek) I succeeded in getting this vessel into Rockville creek, and anchored her at about 1,300 yards from the village to make a reconnoissance of the place, it having been made known to us that the enemy were occupying it. I approached the place with a boat, accompanied by a large flat that we had prepared to carry the howitzer. On nearing the landing we were fired into. Our boats having their ensigns set, we returned the fire with the howitzer, but, unfortunately, the bows of the flat gave way at the second discharge. Having ascertained all that I desired at that time, the boats were ordered to return to the vessel. Owing to the narrowness of the channel, we were unable to spring our vessel to get our guns to bear until nearly sunset, when the flood tide made. As she swung we threw into the place six 10-second shell, all of which burst in and about the houses. The flat is being again refitted, and I propose, when the tide serves at the proper time of day, to re-enter the creek with the vessel, and, after shelling the place, to destroy it by fire. I learn that there are about 150 troops of the enemy lodged in the woods in the rear of the village, and that they have three guns, (field-pieces, I judge.) I place no particular reliance on the information afforded by the negroes, but I have satisfied myself that the place is made use of as a rendezvous and point of observation.

On the 4th we went up this river as far as the mouth of the Dawho. I sounded out the mouth of that river, and ascertained that vessels of eleven to thirteen feet draught can enter it sufficiently far to land a force abreast the plantation of Legare, where a constant lookout has been kept by the enemy. Lieutenant Ammen threw some shell at them there. The morning he left I accompanied him on that occasion, that he might point me out the locality. On the occasion of our last visit I saw no signs of them being there, but observed a number of people (said to be confederate cavalry) on the other side of the river, at Bear bluff.

* * * * *

Very respectfully, your obedient servant,

A. C. RHIND,
Lieutenant Commanding.

Flag-Officer S. F. DUPONT,
Commanding South Atlantic Blockading Squadron, Port Royal.

Commander John Rodgers's report of surveys and examinations in Wright and Mud rivers, South Carolina.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., February 18, 1862.

SIR: I have the honor to transmit to the department an interesting report of Commander John Rodgers, giving an account of his surveys and examinations in Wright and Mud rivers, made for the purpose of obtaining a practicable channel, in one of these directions, into Savannah river.

At this same time Commander Rodgers, having latterly under his command a large force, consisting of the four regular gunboats and two of the small armed purchased steamers, has rendered the most efficient support and protection to the military parties engaged in erecting a battery on Venus Point, Jones's island, to obstruct the supplies from Savannah to Fort Pulaski.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer, Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER FLAG,
Port Royal, South Carolina, February 18, 1862.

SIR: Upon my return to this place this morning, I have the to honor report my proceedings at Wright river, one of the approaches to Savannah.

Wright river has two entrances into Savannah river, one by its mouth, the other through a tributary called Mud river; there is still a third, comparatively shallow, however, near its head, opposite Fort Jackson. Mud river is bare at low spring tide, but at high water spring tide, the bottom being semi-fluid, a gunboat can pass through.

The mouth of Wright river has a bar across it, with four feet of water at low tide, and about eleven feet at ordinary high tide.

A short part of the channel, where it bends into the Savannah river, is distant from Fort Pulaski one and three-quarters of a mile, and consequently within range of its guns, but too far off to be very dangerous. Both these passages were examined and staked. In marking the channel of Wright river, on the first day, they fired at the boats in charge of Lieutenant Commanding Bankhead, to whom I had intrusted this service. The shot fell within a few yards of our party; but as they did not interrupt the operation, the enemy apparently concluded that it was a waste of powder, and on no subsequent occasion was the firing repeated.

Preparatory to coming away, the Hale, Captain Foster, and the Western World, Captain Gregory, were placed near the mouth of Mud river, in order to cover the approach to the battery erected at Point Venus. This their position enables them successfully to do.

While there they had, on the 14th instant, a smart engagement with four vessels of Commodore Tatnall's fleet, which they, in conjunction with the battery on shore, drove back. One of the officers of the Unadilla, who was employed securing a boom, declares that he and his boat's crew all distinctly heard a shot from one of the gunboats crash through the side of a rebel steamer. Captains Foster and Gregory are both confident that several of their shot struck. The rebel gunboats, satisfied apparently that our force was too strong, returned to Savannah.

Agreeably to your order the Hale, in advance, is moored across Mud river, and has three of her guns on one side bearing up the Savannah river, and commanding that approach to Point Venus.

The Western World, moored parallel to the channel, has her battery sweeping the right flank of the guns on shore.

As you further directed, a very carefully made "boom," which the enemy had placed across New river, in front of the battery at Red bluff, was removed and moored across the mouth of Mud river, within reach of grape and canister from our gunboats. This prevents the access of fire-rafts, or of their being overwhelmed by boarders in boats.

I gave orders that at night, or in case of fog, or under any circumstances which did not permit the boom to be clearly seen, "picket boats," with properly arranged signals, were to be kept at it to warn them of the approach of an enemy.

I gave further orders that if, from any unforeseen circumstances, their vessels should be untenable, they were on no account to be surrendered; but the captains were to fire them, and with the crew to fall back in their boats through Wall's cut. As these gunboats are, at most stages of the tide, aground, it seemed proper to provide for this contingency.

Lieutenant Commanding Collins, of the Unadilla, was, agreeably to your orders, left in charge.

With the Seneca, Ottawa, and Pembina, I have returned to this place.

I have the honor to be, sir, your most obedient servant,

JOHN RODGERS,

Commander United States Navy.

Flag Officer S. F. DuPONT,

Comd'g South Atlantic Blockading Squadron, Port Royal, S. C.

Reports on infernal machines discovered in Savannah river.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., February 18, 1862.

SIR: I have the honor to transmit herewith the reports of Commander John Rodgers and Lieutenant Commanding J. P. Bankhead, upon five infernal machines discovered in Savannah river, across the entrance to Wright river.

Accompanying these reports is a drawing of the machines in detail, which, examined in connexion with the enclosed reports, will render their construction and working perfectly intelligible.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer, Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

UNITED STATES STEAMER FLAG,

Port Royal, S. C., February 18, 1862.

SIR: I have the honor to report that during the buoying of Wright river, under the direction of Lieutenant Commanding Bankhead, a "torpedo," or "infernal machine," was discovered at the entrance of Savannah river, in the channel we had selected. It consisted of five metal cases, serving as air-chambers and buoys to five other chambers, and containing about thirty pounds of powder. These were so moored as to be covered by water at any stage of the tide when the bar was practicable for vessels, but they were exposed at low water.

One of them was brought by Lieutenant Commanding Bankhead on board of the Unadilla, where I was. Preparatory to examining its machinery, the powder chamber was laid bare; but I thought it too dangerous, with an unknown "torpedo," to proceed further until the powder had been washed out. To this end, I had it set upon a bank and a rifle ball fired through it, when it exploded.

The machinery, however, was recovered uninjured. Upon the inside of the powder chamber a "friction tube," such as is used in the army for discharging

cannon, was arranged so as to ignite the "blowing up" charge upon the pulling of a string. This string was tied to a wire coiled up on the head of the buoy, and the coil of wire was to be drawn out by the impact of a passing gunboat.

Another machine exploded about midnight, after the *Susquehanna's* launches (towing a flat with army artillery to Point Venus) had passed, in Savannah river, about two hundred yards above them. From this I was induced to think that some of them might be connected, by galvanic wires, with Fort Pulaski.

I gave orders to Lieutenant Commanding Bankhead, to sink the remaining machines with rifle shots, which he did. I herewith enclose Lieutenant Commanding Bankhead's report.

I beg leave to hand in the exploding apparatus of the machine we procured, with a drawing of its arrangement.

I have the honor to be, sir, your obedient servant,

JOHN RODGERS,

Commander, United States Navy.

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Blockading Squadron,

Port Royal, S. C.

UNITED STATES STEAMER PEMBINA,

Wright River, February 19, 1862.

SIR: On the 13th instant, while sounding in the Savannah river, a short distance above the mouth of "Wright river," I discovered several objects floating upon the surface, which appeared, at first sight, to be empty tin cans, and as such were not regarded by me as worthy of notice. Lieutenant Sproston, of the *Seneca*, shortly after hailed me and told me he thought the objects alluded to were buoys attached to an "infernal machine." Upon closer examination, we saw enough to satisfy us that his suspicions were correct. The buoys, five in number, were placed several yards apart, at right angles to the shore, immediately in the channel leading from Wright river, and only visible at low water.

They were connected by a spiral wire—the end of the wire entering an orifice in the upper ends of the buoys—and they were also secured by wires to what we presumed to be weights at the bottom, but which further examination led us to believe were vessels containing explosive matter.

The following day, agreeably to orders received from yourself, I proceeded into the Savannah river, accompanied by Lieutenants Sproston, Weaver, and Cushman, in three boats. I had previously ordered the officers to provide themselves with hand grapnels and lead-lines, for the purpose of grappling the buoys at a safe distance. Lieutenants Sproston and Cushman each succeeded in grappling the connecting wires, and endeavored, by pulling, to produce an explosion, but failed to do so.

Lieutenant Sproston then hauled up carefully to the water buoy and, fortunately, succeeded in cutting the connecting wire, and brought off the buoy in his boat. All the other wires that could be reached were then cut, and as the tide was rising rapidly, we left them for another day, after unhooking the grapnels.

In consequence of the delicate nature of the exploding apparatus, the result of your own examination of the buoy brought on board, I deemed it more prudent to endeavor to sink the remaining ones than to attempt to remove them, as I was unwilling that the enemy should have the satisfaction of feeling that a single life had been lost by his diabolical invention. The next day, accompanied by Lieutenant Sproston, I succeeded in sinking the remaining three, by firing rifle balls through them—one having exploded the night previous, from

some cause at present unknown, and shortly after a launch had passed over the spot where the buoys were placed, having in tow a heavy lighter with guns.

Respectfully, your obedient servant,

J. P. BANKHEAD,
Lieutenant Commanding.

Commander JOHN RODGERS,
Commanding Expedition, &c.

*Destruction of a sloop and three schooners loaded with rice by the Restless,
February 15, 1862.*

FLAG-SHIP WABASH,
Port Royal Harbor, South Carolina, February 24, 1862.

SIR: I have the honor to forward an interesting report of Acting Volunteer Lieutenant E. Conroy, commanding the armed bark Restless, made to Commander Parrott, of the Augusta, under the date of the 15th instant, detailing the destruction in Bull's bay, by the armed boats of that vessel, of a sloop and three schooners loaded with rice.

I have, in a communication to Acting Volunteer Lieutenant Conroy, expressed my commendation for the discretion and skill displayed by him in planning and executing this expedition, and my approbation of the conduct of Acting Master's Mates Henry Eason and J. Walter Mackie.

Respectfully, your obedient servant,

S. F. DUPONT,
Flag-Officer, Commanding South Atlantic Blockading Squadron.
Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES BARK RESTLESS,
Off Bull's Bay, South Carolina, February 15, 1862.

SIR: I have the honor to report that on the 13th instant, about 11 o'clock a. m., we discovered a vessel ashore on a shoal in Bull's bay. I sent two armed boats in for the purpose of reconnoitring, and, if possible, to bring her off. On boarding they found her to be a very old and worthless craft, without a cargo, and only four negroes on board. While on board the sloop they discovered three vessels lying at anchor inside the shoals, apparently laden with rice, &c. After the boats returned and the circumstance was reported to me, I thought it possible to cut these vessels out or destroy them. At 1.30 a. m. on the 14th instant, I sent another armed boat, with orders to cut these vessels out or destroy them. There not being enough wind all day to bring these vessels out, they were destroyed after dark, and their flags, papers, and arms taken in the boat and brought off, with two prisoners.

The following are the names of vessels destroyed, with their cargoes, which consisted of rice for the city of Charleston: Sloop Edisto, 1,600 bushels rice, sunk; schooner Wandoo, 1,800 bushels rice, sunk; schooner Elizabeth, 1,800 bushels rice, sunk; schooner Theodore Stoney, 2,500 bushels rice, burned.

The schooner Theodore Stoney was a fine craft of 54 tons, but could not be got out, as there was a battery of three guns near her anchorage, and consequently was burned.

Their respective crews were all foreigners and negroes, and not having room

enough in the boat to bring them off, they were set ashore and allowed to retain their personal effects, except arms. Not knowing what disposition is to be made with the prisoners I have sent them to you. I also send you a rebel flag, with the request to forward the same, with my compliments, to the flag-officer.

In closing, I feel it my duty to mention the efficient manner in which my orders were carried out by Acting Master's Mates Henry Eason and J. Walter Mackie, and to call your attention to the same. Enclosed I transmit the papers of the destroyed vessels.

I am, very respectfully, your obedient servant,

EDWARD CONROY,

Acting Volunteer Lieutenant Commanding.

Commander E. G. PARROTT, U. S. N.,

Commanding United States Steamer Augusta,

Blockading Squadron, off Charleston, South Carolina.

Flag-Officer DuPont reports death of Lieutenant Commanding T. A. Budd and Acting Master S. W. Mather, and others.

FLAG-SHIP WABASH,

Off Mosquito Inlet, Florida, March 24, 1862.

SIR: I have to report to the department some casualties that have occurred to officers and men belonging to two of the vessels of my fleet—casualties as painful as they were unexpected; but the loss of gallant lives has expiated the error of judgment which enthusiastic zeal had induced.

The department was informed after the capture of Fernandina that so soon as I should take possession of Jacksonville and St. Augustine, I would give my attention to Mosquito inlet, 51 miles south of the latter, which, according to my information, was resorted to for the introduction of arms transhipped from English ships and steamers at the British colony of Nassau into small vessels of light draught.

I accordingly ordered the Penguin, Acting Lieutenant Commanding T. A. Budd, and the Henry Andrew, Acting Master S. W. Mather, to proceed to this place; the latter to cross the bar, establish an inside blockade, capture any rebel vessels there, and guard from incendiarism large quantities of live-oak timber on the government land, cut and ready for shipment, to which the department had called my attention.

On reaching here myself on the 22d, I was boarded by the executive officer of the Penguin, and informed that Lieutenant Commanding Budd, with Acting Master Mather, had organized an expedition from the two vessels, and had moved southward through the inland passage leading into Mosquito lagoon, passing Smyrna with four or five light boats, carrying in all some 43 men. Soon after this report, which I heard with anxiety, the results were developed.

It appears that, after going some fifteen or eighteen miles without any incident, and while on their return, and within sight of the Henry Andrew, the order of the line being no longer observed, the two commanding officers, quite in advance, landed under certain earthworks which had been abandoned, or never armed, near a dense growth of live-oak, with underbrush. A heavy and continuous fire was unexpectedly opened upon them from both these covers. Lieutenant Commanding Budd and Acting Master Mather, with three of the five men composing the boat's crew, were killed. The remaining two were wounded and made prisoners. As the other boats came up they also were fired into, and suffered more or less.

The rear boat of all had a howitzer, which, however, could not be properly

secured or worked—the boat not being fitted for the purpose—and could, therefore, be of little use. The men had to seek cover on shore, but as soon as it was dark Acting Master's Mate McIntosh returned to the boats, brought away the body of one of the crew who had been killed, all the arms, ammunition, and flags, threw the howitzer into the river, passed close to the rebel pickets, who hailed but elicited no reply, and arrived safely on board the Henry Andrew.

On hearing of this untoward event, I directed Commander Rodgers to send off the launch and cutters of this ship to the support of the Andrew. The boats crossed the bar at midnight, and the next morning the vessel was hauled close up to the scene of the late attack, but no enemy could be discovered.

The bodies of Lieutenant Budd and Acting Master Mather were received under a flag of truce, and the commanding officer—a Captain Bird—who had come from a camp from a distance, made some show of courtesy, by returning papers and a watch, as if ashamed of this mode of warfare; for these were the very troops that, with sufficient force, means, and material for a respectable defence, had ingloriously fled from St. Augustine on our approach.

I enclose a copy of my instructions to Acting Lieutenant Budd, the original of which was found on his person, and was one of the papers returned by the rebel officer.

Lieutenant Commanding Budd and Acting Master Mather were brave and devoted officers. The former commanded the Penguin in the action of the 7th of November, and received my commendation. The latter, in the prime of life, was a man of uncommon energy and daring, and had no superior, probably, among the patriotic men who have been appointed in the navy from the mercantile marine.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer, Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

FLAG-SHIP WABASH,

Off St. John's, Fla., March 19, 1862.

SIR: I send the Henry Andrew, Acting Master Mather commanding, to report to you for duty. You will please, as far as you can, buoy out the channel, and make reconnoissance in boats to ascertain the depth of water, and, if satisfactory, direct the Henry Andrew to cross the bar and blockade the inlet and Smyrna. If the rebel steamer Caroline or Kate has not left the inlet, capture her and all the other vessels found there.

From a copy of a communication which I have furnished Acting Master Mather, you will perceive that there is said to be large quantities of live-oak timber, ready cut, inside of Mosquito inlet. If this be so, I desire that the same should be taken possession of in the name of the government, and so held until I can send some light-draught vessels to transport it to the north.

Respectfully, your obedient servant,

S. F. DUPONT, *Flag-Officer.*

Acting Lieutenant T. A. BUDD,

Comm'g U. S. Steamer Penguin, off Mosquito Inlet, Fla.

FLAG-SHIP WABASH,
Off St. Augustine, Fla., March 25, 1862.

SIR: The following casualties occurred in the attack upon the boat expedition under Acting Lieutenant Budd:

Acting Lieutenant T. A. Budd, Penguin, killed.

James Marlow, ordinary seaman, Penguin, killed.

Walter Burch, ordinary seaman, Penguin, killed.

John Dennis, master's mate, Penguin, wounded in shoulder.

William Twaites, ordinary seaman, Penguin, wounded in hand.

Acting Master S. W. Mather, commanding Henry Andrew, killed.

Lewis Delous, ordinary seaman, Henry Andrew, killed.

John Bates, seaman, Henry Andrew, killed.

James Arnold, seaman, Henry Andrew, killed.

William Brown, ordinary seaman, Henry Andrew, killed.

A. W. Kelsey, acting assistant paymaster, Henry Andrew, wounded in hand.

Walter Bradley, acting third assistant engineer, Henry Andrew, wounded in forehead.

Thomas Welch, ordinary seaman, Henry Andrew, wounded and a prisoner.

Henry C. Rich, ordinary seaman, Henry Andrew, wounded and a prisoner.

James T. Allen, ordinary seaman, Henry Andrew, wounded in thigh.

I herewith enclose Dr. Clymer's report of the wounds received by Lieutenant Budd and Acting Master Mather.

Very respectfully, &c.,

S. F. DUPONT, *Flag-Officer.*

Hon. GIDEON WELLES,
Secretary of the Navy.

FLAG-SHIP WABASH,
Off Mosquito Inlet, Fla., March 23, 1862.

SIR: I respectfully report, that on a careful examination of the bodies of Acting Lieutenant Thomas A. Budd and Acting Master S. W. Mather, the former commanding the United States steamer Penguin and the latter the United States steamer Henry Andrew, who were yesterday, during a reconnoissance at this place, fired upon by the enemy and killed, I find the following gunshot wounds:

Lieutenant Commanding Budd received but one wound, which must have proved almost immediately fatal. The ball struck the front of the upper jaw, carrying away the left half of that bone and breaking the lower jaw-bone on the left side. It passed out on the back part of the left side of the neck, one inch below the level of the lower extremity of the ear.

Master Commanding Mather was struck by three balls, one of them, however, merely grazing the back without penetrating the skin. Another ball entered the upper part of the right side of the abdomen, and passed out on the right side of the back. The third shot entered the front of the mouth, carried away the whole of the left side of the upper jaw, shattered the left side of the lower jaw, and passed out on the left side of the neck an inch below the ear. This wound must have been almost immediately fatal, as it must have severed the large blood-vessels and nerves of the neck on the left side.

I am, very respectfully, &c.,

GEO. CLYMER, *Fleet Surgeon.*

Captain C. R. P. RODGERS,
Commanding United States Flag-Ship Wabash.

Respectfully forwarded to Flag-Officer DuPont.

C. R. P. RODGERS, *Commander.*

Flag-Officer DuPont reports possession of Cumberland island and sound, Fernandina and Amelia island, and river and town of St. Mary's.

FLAG-SHIP MOHICAN,
Harbor of Fernandina, March 4, 1862.

SIR: I had the honor to inform you in my last despatch that the expedition for Fernandina was equipped, and waiting only for suitable weather to sail from Port Royal. I have now the pleasure to inform you that I am in full possession of Cumberland island and sound, of Fernandina and Amelia island, and of the river and town of St. Mary's.

I sailed from Port Royal on the last day of February in the Wabash, and on the 2d instant entered Cumberland sound, by St. Andrew's inlet, in the Mohican, Commander S. W. Godon, on board of which ship I have hoisted my flag. The fleet comprised the following vessels, sailing in the order in which they are named:

Ottawa, Mohican, accompanied by the Ellen, Seminole, Pawnee, Pocahontas, Flag, Florida, James Adger, Bienville, Alabama, Keystone State, Seneca, Huron, Pembina, Isaac Smith, Penguin, Potomska, armed cutter Henrietta, armed transport McClellan, (the latter having on board the battalion of marines under the command of Major Reynolds,) and the transports Empire City, Marion, Star of the South, Belvidere, Boston, and George's Creek, containing a brigade under the command of Brigadier General Wright.

We came to anchor in Cumberland sound at half-past ten on the morning of the 2d, to make an examination of the channel and wait for the tide. Here I learned from a contraband, who had been picked up at sea by Commander Lannier, and from the neighboring residents on Cumberland island, that the rebels had abandoned in haste the whole of the defences of Fernandina, and were even at that moment retreating from Amelia island, carrying with them such of their munitions as their precipitate flight would allow.

The object of carrying the whole fleet through Cumberland sound was to turn the heavy works on the south end of Cumberland and the north end of Amelia islands; but, on receiving this intelligence, I detached the gunboats and armed steamers of light draught from the main line, and placing them under the command of Commander P. Drayton, of the steam-sloop Pawnee, I ordered him to push through the sound with the utmost speed, to save public and private property from destruction, to prevent poisoning the wells, and to put a stop to all those outrages by the perpetration of which the leaders of this nefarious war hope to deceive and exasperate the southern people. In the mean time I went out of the sound, and came by sea to the main entrance of this harbor.

In consequence of bad weather I was unable to cross the bar till this morning. Commander Drayton, accompanied by Commander C. R. P. Rodgers, with the armed launches and cutters and the small-armed companies from the Wabash, had arrived several hours before me. Immediately on his entering the harbor Commander Drayton sent Lieutenant White, of the Ottawa, to hoist the flag on Fort Clinch, the first of the national forts on which the ensign of the Union has resumed its proper place since the first proclamation of the President of the United States was issued.

A few scattering musket-shots were fired from the town by the flying enemy, when it was discovered that a railroad train was about to start. Commander Drayton, on board the Ottawa, Lieutenant Commanding Stevens, chased this train for two miles and fired several shells at it, aiming at the locomotive, some of which took effect. It was reported that the Hon. David Yulee, late a senator of the United States from the State of Florida, escaped from this train and took to the bush. Commander C. R. P. Rodgers, pushing ahead with the launches, captured the rebel steamer Darlington, containing military stores, army wagons,

mules, forage, &c., and fortunately secured the drawbridge, which was held during the night by the second launch of the Wabash.

There were passengers, women and children, in the Darlington, and the brutal captain suffered her to be fired upon and refused to hoist a white flag, notwithstanding the entreaties of the women. No one was injured. I send the captain of the steamer home a prisoner. His name is Jacob Brock; he is a native of Vermont, but has been a resident of Florida for twenty-three years. The same night Commander C. R. P. Rodgers ascended the St. Mary's with the Ottawa and took possession of the town, driving out a picket of the enemy's cavalry.

Early in the morning the town of Fernandina was also occupied by a party of seamen and marines from Commander Drayton's command. In both places most of the inhabitants had fled, by order, it is said, of the rebel authorities. A company of seamen and marines, under Lieutenant Miller, was sent from the Mohican to hold Fort Clinch.

It is reported to me by Lieutenant Commanding Downes, of the Huron, that the whole structure of the railroad on the Fernandina side, including the swinging drawbridge, is quite uninjured. The rebels have done some damage by fire to the trestle-work on the other side of the river, but I am not yet informed of its extent. Several locomotives, baggage cars, tenders, freight cars, and some other property besides that found in the steamer Darlington, have been recovered. The whole number of guns discovered up to this time is thirteen, embracing heavy 32-pounders, eight-inch guns, and one 80 and one 120-pounder rifled gun.

The towns of St. Mary's and Fernandina are uninjured. I visited the town, Fort Clinch, and the earthworks on the sea face of the island. It is impossible to look at these preparations for a vigorous defence without being surprised that they should have been voluntarily deserted. The batteries on the north and northeast shores are as complete as art can make them. Six are well concealed, are protected by ranges of sand-hills in front, contain perfect shelter for the men, and are so small and thoroughly covered by the natural growth and by the varied contours of the land, that to strike them from the water would be the mere result of chance. A battery of six guns, though larger, and affording, therefore, a better mark, is equally well sheltered and masked.

These batteries, and the heavy guns mounted on Fort Clinch, command all the turnings of the main ship-channel, and rake an approaching enemy. Besides these, there was another battery of four guns on the south end of Cumberland island, the fire of which would cross the channel inside of the bar. The difficulties arising from the indirectness of the channel, and from the shoalness of the bar, would have added to the defences by keeping the approaching vessels a long time exposed to fire under great disadvantages; and when the ships of an enemy had passed all their defences they would have to encounter a well-constructed and naturally masked battery at the town, which commands the access to the inner anchorage. We are told that General Lee pronounced the place perfectly defensible; we are not surprised at this, if true. We captured Port Royal, but Fernandina and Fort Clinch have been given to us.

We had in the expedition Mr. W. H. Dennis, an assistant in the Coast Survey, who possessed accurate local knowledge of a part of the ground we passed over, of which, indeed, he had made the topographical map, under the direction of the superintendent. He was zealous and active, and it gives me pleasure to mention it.

The Empire City, on board of which was General Wright, grounded on the bar. As soon as he arrived (in another steamer) immediate steps were taken to transfer to him the forts and all authority and possession on the land. I desire to speak here of the harmonious councils and cordial co-operation which have marked, throughout, my intercourse with this able officer. Our plans of action have been matured by mutual consultation, and have been carried into execution by mutual help.

I take great pleasure in reminding the department that one principal and ultimate object of the naval expedition which I have the honor to command was, in its first conception, to take and keep under control the whole line of the sea-coast of Georgia, knowing (to use the language of the original paper) "that the naval power that controls the sea-coast of Georgia controls the State of Georgia." The report that the fortifications at St. Simon's, armed with heavy columbiads, had been abandoned, which first reached me at Port Royal, is confirmed. This being the case, the entire sea-coast of Georgia is now either actually in my possession or under my control, and thus the views of the government have been accomplished.

Very respectfully, your most obedient servant,

S. F. DUPONT,

Flag-Officer, Com'g South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

Reports of Commanders Drayton and Rodgers of capture of Fernandina and St. Mary's, &c.

FLAG-SHIP WABASH,

Off St. Augustine, Florida, March 13, 1862.

SIR: In my despatch of the 4th instant I had the honor to inform the department of the fall of Brunswick, Georgia, the capture of Fernandina, Florida, of the town of St. Mary's and the river of that name, one of the boundaries between these States, Cumberland island and sound—in short, the coast and inland waters from St. Simon's southward.

I forward herewith interesting reports from Commander Drayton and Commander C. R. P. Rodgers, detailing the circumstances attending the capture of Fernandina and St. Mary's, and an interesting extract from the report of Lieutenant Commanding Stevens of a reconnoissance in the Ottawa up the river St. Mary's, which reports had not reached me when my despatch was sent.

Having on the 7th despatched a division of my force to hold Brunswick, consisting of the Mohican, Pocahontas, and Potomska, under Commander Godon, I shifted my flag from the first-named vessel to the Pawnee, and organized another squadron of light vessels, embracing the four regular gunboats Ottawa, Seneca, Pembina, and Huron, with the Isaac Smith and Ellen, under Lieutenant Commanding Stevens, to proceed without delay to the mouth of the St. John's river, cross, if possible, its difficult and shallow bars, feel the forts if still held, and push on to Jacksonville—indeed, to go as far as Pilatka, eighty miles beyond, to reconnoitre and capture river steamers.

This expedition was to be accompanied by the armed launches and cutters of the Wabash, under Lieutenants Irwin and Barnes, and by a light-draught transport with the 7th New Hampshire regiment. After arranging with Brigadier General Wright our joint occupation of the Florida and Georgia coasts, including protection from injury the mansion and grounds of Dungeness, on Cumberland island, originally the property of the revolutionary hero and patriot, General Greene, and still owned by his descendants, and leaving Commander Percival Drayton in charge of the naval force, I rejoined this ship, waiting for me off Fernandina, and proceeded with her off St. John's, arriving there on the 9th.

The gunboats had not yet been able to cross the bar, but expected to do so the next day, the Ellen only getting in that evening. As at Nassau, which was visited by Lieutenant Commanding Stevens on his way down, the forts seemed abandoned. There being no probability that the Huron could enter, I despatched her off to St. Augustine, where I followed her, arriving here on the 11th. I

immediately sent on shore Commander C. R. P. Rodgers with a flag of truce, having reason to believe that, if there were any people on this coast likely to remain in their houses, it would be at St. Augustine.

I enclose Commander Rodgers's most interesting report, which I am sure the department will read with satisfaction. The American flag is flying once more over that old city, raised by the hands of its own people, who resisted the appeals, threats, and falsehoods of their leaders, though compelled to witness the carrying off of their sons in the ranks of the flying enemy. This gives us possession of a second national fort of strength and importance.

Since writing the above I have received, by the Isaac Smith, a report from Lieutenant Commanding Stevens of his operations on the St. John's river, giving details of great interest. From Lieutenant Commanding Nicholson I hear with regret of acts of vandalism on the part of the rebel commanders (not the people) in setting fire to vast quantities of lumber, and the saw-mills in that region, owned by northern men supposed to have Union sympathies. The Isaac Smith has arrived opportunely, as that vessel can get into St. Augustine, while it was doubtful whether the Huron could enter. The latter I send to Fernandina, with despatches to Brigadier General Wright.

In all this varied and difficult service, having to contend with surf shores, dangerous bars, and inland navigation in an enemy's country, I think it due to the officers and men under my command to say that they have on all occasions displayed great spirit and ability, fully coming up to my requirements and expectations.

Very respectfully,

S. F. DUPONT, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER PAWNEE,
Fernandina, March 4, 1862.

SIR: In obedience to your order of the 2d of March, I left at daylight on the next morning, accompanied by the following gunboats and other light-draught vessels, viz: the Ottawa, Lieutenant Commanding T. H. Stevens; Seneca, Lieutenant Commanding D. Ammen; Huron, Lieutenant Commanding G. Downes; Pembina, Lieutenant Commanding J. P. Bankhead; Isaac Smith, Lieutenant Commanding J. W. A. Nicholson; Penguin, Lieutenant Commanding T. A. Budd; Potomska, Lieutenant Commanding P. G. Watmough; and Ellen, Lieutenant Commanding W. Budd. There were also with us three armed launches of the Wabash, and a company of sailors, all under the command of Commander C. R. P. Rodgers, of that vessel, as well as the transports McClellan, Captain Gray, on board of which was the battalion of marines of Major J. G. Reynolds; the Boston, with the 97th Pennsylvania regiment, Colonel Guss; and the armed cutter Henrietta, Captain Bennett.

We proceeded at once down Cumberland sound. The navigation, however, proved to be quite intricate, and, besides, the Pawnee, the Ottawa, and Huron (the latter the only one with a pilot except myself) were alone able to cross the flats at the dividing line between the tides that meet in the sound from the north and south.

With these I continued on, until, at 3 o'clock, and when only three miles distant from Fort Clinch, all except the Ottawa grounded, and, as the tide was falling, there was little hope of getting them off until its change. I determined, therefore, to push on in that vessel, with the three armed launches of the Wabash. On approaching Fort Clinch, it was so evidently deserted that I

would not stop, but merely sent Lieutenant G. M. White, of the *Ottawa*, on shore with an armed boat to hoist the American flag there as a signal to yourself, at anchor outside in the *Mohican*. This he did, and returned to the vessel later.

On coming in sight of Old Fernandina a white flag was displayed by some persons on shore. Shortly after, and when passing New Fernandina, a few rifle shots were fired from some bushes, and a railroad train was perceived just starting. As it was naturally supposed to contain soldiers escaping, I directed Lieutenant Commanding Stevens to try and stop it; and the road passing for some distance near the river, and we going at full speed, there was an opportunity of firing several shots at the two locomotives attached to the train, which, however, did not prevent its escape across the railroad bridge, which is four miles from the town, and it was soon lost in the woods on the other side. We afterwards found on the track the bodies of two men who had been killed by our shots, one of whom was a soldier; and the report was that ex-Senator Yulee was on board one of the cars, and had also been struck, but this, I think, was a mistake.

In the mean time a small steamer was discovered attempting to escape up the narrow creek over which the railroad bridge passes, the draw of which she went through very soon after the train had crossed. Several shots were fired at her without effect, and as the *Ottawa* could not go up the creek, Commander Rodgers followed her with two of his armed boats, captured, and brought her alongside. She was found to be filled principally with women and children, but also had on board a surgeon in the confederate army, and a number of mules and wagons belonging to the quartermaster's department.

As everything had been done now that could be in this direction, and as it was quite dark, being near 8 o'clock, we returned off the town of Fernandina, where I left the *Ottawa*, and went on board of the steamer that we had captured, for the purpose of returning with a pilot to bring up the *Pawnee* and *Huron*. Soon after, Commander Rodgers, with the *Ottawa*, proceeded to occupy the town of St. Mary's, Georgia, a small place on the St. Mary's river, distant ten miles from here, and where we supposed some of the guns removed from Fort Clinch had been taken.

Owing to various detentions, I was not able to reach the *Pawnee* until midnight, nor to bring her up till daylight, when, with the *Huron*, I anchored off this town. During the night an armed launch of the *Wabash*, under charge of Acting Master R. H. Lamson, had been left for the protection of the railroad bridge, the draw of which had been opened. Toward morning, however, a number of soldiers came down, and, under cover of the bushes, set the further end on fire. They were repeatedly fired on, and driven off, but succeeded in very much injuring its western portion. On seeing the smoke, I sent the *Huron* up to prevent the remaining part from being injured, in which Lieutenant Commanding Downes was successful.

The batteries on and near Fort Clinch, on the southern part of Cumberland island, and at New Fernandina, although many guns had been removed, might have offered most serious obstacles to our approach, as will be seen by my detailed report of them. They were, however, being rapidly disarmed, in obedience to orders from the War Department, but it was determined to defend them from any attack by sea until the place could be regularly evacuated; and the bar being a very intricate one, and well under fire, they might have given us a great deal of trouble had our advance been made from that side.

At 8 o'clock of the night previous to my arrival, however, (the 2d,) a telegram came from Brunswick, mentioning that 24 of our armed vessels were in Cumberland sound. This news seems to have produced a perfect panic, as by 12 o'clock the next day, the garrison, which consisted of 1,500 men, as well as almost all of the inhabitants, had gone off.

Shortly after bringing up the Pawnee, and at about 7 o'clock this morning, I occupied the town with our marines and the Wabash's company of rifles, and endeavored as much as possible to quiet the few people left, and to prevent any injury to public or private property. Midshipman M. L. Johnson pushed along the railroad with some of his men, and in the course of the day brought in two locomotives and three railroad cars. He also collected and put a guard over a quantity of rosin, turpentine, and cotton, to prevent it from being carried off or injured. At 9 o'clock the Isaac Smith arrived, when I immediately sent her out to communicate with your vessel, which she met, however, on the way in.

The report of Commander Rodgers accompanies this, as well as a description of the defences of the harbor and their armament. In conclusion, I have only to express the great obligations I am under to Commander Rodgers and Lieutenant Commanding Stevens. Except for the former and his boats, we should scarcely have been able to capture the steamer; and had it not been for the constant watchfulness and good management of the latter, his vessel would not have been able to follow the Pawnee so far as she did without a pilot, and thus, at last, enable us to act on the afternoon of the 3d, instead of waiting for the next morning, which would otherwise have been necessary.

Very respectfully, your obedient servant,

P. DRAYTON,

Commander, Commanding the Pawnee.

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Squadron,

U. S. Steamer Mohican, Fernandina Harbor.

UNITED STATES STEAMER PAWNEE,

Fernandina, March 4, 1862.

SIR: I beg leave to report that after leaving the Ottawa I entered Kingsley's cut, and proceeding rapidly to the railroad bridge, with the second launch of the Wabash, passed through the draw, and, just after dark, captured the steamer Darlington, which was endeavoring to escape from Fernandina with military wagons, mules, forage, &c.

On board were several passengers, with their baggage, and among them Assistant Surgeon H. G. Lungren, of the confederate forces. We also captured a small schooner. I left the second launch of the Wabash to secure the draw-bridge and hold the passage during the night.

As soon as the prizes could be taken to Fernandina I left that place in the Ottawa, with the armed cutters of the Wabash, and reached the town of St. Mary's soon after midnight, which we at once proceeded to occupy. At the time of our arrival the place was held by a picket of cavalry, which made its escape; but we seized their horses and equipments. The greater part of the inhabitants had left the town; some, however, remain.

Leaving the Ottawa and one of the cutters of the Wabash in possession of St. Mary's, I have returned to Fernandina. I have to thank Lieutenant Commanding Stevens for very cordial and efficient co-operation. Assistant W. H. Dennis, of the Coast Survey, accompanied me to St. Mary's, and rendered me much valuable aid.

I am, very respectfully, your obedient servant,

C. R. P. RODGERS, *Commander.*

Commander PERCIVAL DRAYTON,

United States Navy.

Extract from report of Lieutenant Commanding Stevens, of the Ottawa.

UNITED STATES GUNBOAT OTTAWA,

St. Mary's River, March 7, 1862.

SIR: Upon the arrival of the Isaac Smith at St. Mary's, I proceeded in this vessel, under your instructions, on a reconnoissance up the St. Mary's river, and reached a place called Woodstock Mills, about fifty miles from this place, landing at the plantation of a Mrs. Campbell and that of a Mrs. Downes, at a place called the Brickyard, and at Woodstock Mills, owned and occupied by a Mr. Alburti, notifying those whom I met (which seemed to reassure them) of your intention to protect all peaceable citizens in their persons and property, and inviting those who had fled to return to their homes.

I enclose herewith a copy of the communication I left with Mrs. Campbell and Judge Alburti, to signify the same to the people generally. Before leaving Woodstock Mills I learned through a negro that it was the intention of the rebels to cut us off with their light batteries and infantry of the Mississippi regiment which had been stationed here.

When near the Brickyard the enemy's riflemen attacked us in force from both sides of the river. I opened upon them with our battery, using grape and canister, and small arms, killing and wounding a large number. The fire was kept up from both sides of the river, (here about one hundred yards wide,) for about a mile, after which we saw nor heard anything more of them until just above the plantation of Mrs. Campbell, when, discovering a large body of cavalry about twelve hundred yards ahead of us, I threw a few second 11-inch shells among them, when they fled in great haste and confusion. Passing down, when about three miles further, just where it debouches into the marshes, we discovered in the ambush a body of the enemy, and before they had time to fire gave them a round from the 11-inch, loaded with canister, the two 24-pound howitzers, and the 12-pound howitzer of the Wabash, (which I had taken on board before leaving,) which was worked admirably, as, indeed, all the guns were. Very few of the enemy escaped this destructive fire.

I enclose herewith a list of the casualties which occurred on board from the fire of the enemy, which was very accurate, as the various narrow escapes of both officers and men, and the numerous bullet-holes in the sides of the vessel, will testify. I am informed that some distance beyond the point I reached there are large quantities of turpentine on board of two steamers. The steamers cannot escape.

I saw also on the bank of the river the live-oak frame, complete, of a ship of 1,800 tons ready for shipment, and a schooner, in very good order, of about 100 tons; but as the river is very narrow, and the turns following each other in quick succession, sharp and abrupt, I did not think it advisable to attempt to tow down with so long a vessel.

The live-oak abounds for many miles along the river. I am quite confident that our visit will be productive of good both to those well disposed and to our enemies, who have been taught a lesson they will not soon forget. From my observation, such a thing as free speech among them is a tradition, and the reign of terror rules everywhere. Still, those I saw were very grateful for the assurances given, and I doubt not many of them will avail themselves of our protection.

Finally, permit me to commend to you the good conduct, uniform throughout, of both officers and men, and to thank, through you, Midshipman Pearson, of the Wabash, who commanded her cutter, for the valuable assistance he was always, in fire and out of fire, ready to render.

Very respectfully

T. H. STEVENS, *Lieutenant Commanding.*

UNITED STATES GUNBOAT OTTAWA,
St. Mary's River, March 7, 1862.

Captain Stevens, of the United States gunboat Ottawa, is authorized by Flag-Officer DuPont to assure the peaceable citizens living on the banks of St. Mary's river that they will be protected in their persons and property; that it is his desire they should return to their homes, where nobody will come near to harm them.

T. H. STEVENS,
Lieutenant Commanding.

UNITED STATES GUNBOAT OTTAWA,
St. Mary's, Ga., March 6, 1862.

SIR: The following is a report of those wounded in the action this morning by the confederate riflemen: John De Cordy, master's mate, seriously, (rifle shot through the upper third of left arm, the bone not being broken;) J. T. Roberts, ordinary seaman, slightly, (rifle shot in the right wrist, ball extracted;) Michael Craig, ordinary seaman, slightly, (rifle shot in the calf of right leg;) Benjamin F. Ripley, ordinary seaman, slightly, (rifle shot crushed his left thumb.) These men are all doing well.

Very respectfully,

CHARLES O. CARPENTER,
Assistant Surgeon.

Captain T. H. STEVENS,
Commanding Ottawa.

UNITED STATES FLAG-SHIP WABASH,
Off St. Augustine, Fla., March 12, 1862.

SIR: Having crossed the bar with some difficulty, in obedience to your orders, I approached St. Augustine under a flag of truce, and as I drew near the city a white flag was hoisted upon one of the bastions of Fort Marion. Landing at the wharf, and inquiring for the chief authority, I was soon joined by the mayor and conducted to the city-hall, where the municipal authorities were assembled.

I informed them that, having come to restore the authority of the United States, you had deemed it more kind to send an unarmed boat to inform the citizens of your determination than to occupy the town at once by force of arms; that you were desirous to calm any apprehension of harsh treatment that might exist in their minds, and that you should carefully respect the persons and property of all citizens who submitted to the authority of the United States; that you had a single purpose—to restore the state of affairs which existed before the rebellion.

I informed the municipal authorities that so long as they respected the authority of the government we serve, and acted in good faith, municipal affairs would be left in their own hands, so far as might be consistent with the exigencies of the times. The mayor and council then informed me that the place had been evacuated the preceding night by two companies of Florida troops, and that they gladly received the assurances I gave them, and placed the city in my hands. I recommended them to hoist the flag of the Union at once, and, in prompt accordance with the advice, by order of the mayor, the national ensign was displayed from the flagstaff of the fort.

The mayor proposed to turn over to me the five cannon mounted at the fort, which are in good condition, and not spiked, and also the few munitions of war left by the retreating enemy. I desired him to take charge of them for the present, to make careful inventories, and establish a patrol and guard, informing him that he would be held responsible for the place until our forces should enter the harbor. I called upon the clergymen of the city, requesting them to reassure the people, and to confide in our kind intentions toward them. About 1,500 persons remain in St. Augustine, about one-fifth of the inhabitants having fled. I believe that there are many citizens who are earnestly attached to the Union, a large number who are silently opposed to it, and a still larger number who care very little about the matter.

I think that nearly all the men acquiesce in the condition of affairs we are now establishing. There is much violent and pestilent feeling among the women. They seem to mistake treason for courage, and have a theatrical desire to figure as heroines. Their minds have doubtless been filled with the falsehoods so industriously circulated in regard to the lust and hatred of our troops. On the night before our arrival a party of women assembled in front of the barracks and cut down the flagstaff, in order that it might not be used to support the old flag. The men seemed anxious to conciliate in every way. There is a great scarcity of provisions in the place. There seems to be no money except the wretched paper currency of the rebellion, and much poverty exists. In the water-battery at the fort are three fine army 32-pounders of 7,000 pounds, and two 8-inch sea-coast howitzers of 5,600 pounds, with shot and some powder. There are a number of very old guns in the fort, useless, and not mounted. Several good guns were taken away some months ago to arm batteries at other harbors. The garrison of the place went from St. Augustine at midnight on the 10th for Smyrna, where are said to be about eight hundred troops, a battery, the steamer Carolina, and a considerable quantity of arms and ammunition.

I am led to believe that Mosquito inlet, upon which Smyrna is situated, has been much used for the introduction of arms from the Bahamas. It is very positively stated that the governor has ordered the abandonment of East Florida, and proposes to make a stand near Apalachicola.

When I attempted to return to the Wabash, at 5 p. m., the breakers had become so heavy as to render the bar absolutely impassable, though I had secured the services of the best pilot in the port. I crossed them this morning with much difficulty, having remained in the town all night.

Mr. Dennis, of the Coast Survey, who accompanied me, rendered me much valuable aid.

I have the honor to be, very respectfully,

C. R. P. RODGERS, *Commander.*

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Blockading Squadron.

Report of Lieutenant Commanding A. C. Rhind of reconnoissance at Bear's bluff.

FLAG-SHIP WABASH,

Off St. Augustine, Florida, March 14, 1862.

SIR: I have the honor to forward another interesting report from Lieutenant Commanding A. C. Rhind, of the Crusader, giving information of a daring reconnoissance made at Bear's bluff by that officer and Lieutenant Prentiss.

When relieved from the pressing importance of securing this part of the coast I purpose to pay special attention to Edisto.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer, commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER CRUSADER,

North Edisto, March 3, 1862.

SIR: On the 23d instant I received information that the enemy were building a battery at Bear's bluff, opposite White Point. On the night of the 24th, accompanied by Lieutenant Prentiss, I went up in our dingey, with three men, and landed without being discovered by the guard. Lieutenant Prentiss and I went up and found the battery in an unfinished state, and looking about us, discovered the magazine; found two of the picket guard asleep in it, got one musket from beside them without awakening them, returned to the boat, and brought up two of the men to secure them. In doing so, I regret to say, one of them was shot through the head and instantly killed, the pistol in my hand going off accidentally in the struggle. We carried both to the boat, and escaped without discovery.

The picket guard at the battery that night consisted of fifteen infantry and two mounted men, in command of a lieutenant, so the surviving prisoner states. We buried the other properly the next day near the camp of the 47th regiment. His name was Joseph A. Wilson, company C, Moore's battalion, stationed at Church Flats; the other, now on board this vessel, is William M. Evins, from Rabun county, Georgia, of the same company. According to his account, there are two regiments at Church Flats, sending pickets out regularly to Rockville, Bear's bluff, and other points on the east side of the river; their men ill-fed, not paid or clothed, and badly treated. Wilson was from Pickens district, South Carolina. The musket we have taken from them is of the Enfield pattern, has the Tower mark, date 1861. Both cartridge-boxes contained Ely's London stamped cartridges.

I sent a boat, in charge of Lieutenant Prentiss, into Rockville on the night of the 28th; but they were discovered, though proceeding cautiously, and a volley fired into them as they touched the shore, without hitting any one, however. Having orders to return, if discovered, they withdrew. The bad weather to-day prevented my going up the river, as I intended.

We have picked up several contrabands from the east side lately; one, coming from Charleston, reached here by way of John's island in twenty-four hours. Though arrested by a picket and detained on the way, he succeeded in escaping again at night.

Very respectfully, your obedient servant,

A. C. RHIND,

Lieutenant Commanding.

S. F. DUPONT,

Flag-Officer, commanding South Atlantic Blockading Squadron.

Flag-Officer DuPont encloses report of Commander S. W. Godon of his visit to Brunswick, Georgia.

FLAG-SHIP WABASH,
Off St. John's, Florida, March 19, 1862.

SIR: I had the honor to inform the department, in my communication of the 13th instant, that I had despatched a division of my force to Brunswick, under Commander S. W. Godon, consisting of the Mohican, the Pocahontas, and the Potomska. These vessels crossed St. Simon's bar on the 8th instant, and anchored at sundown within two miles of the forts commanding the channel.

On the following morning Commander Godon, with his division, moved past the batteries, which he soon discovered had been abandoned, and immediately sent Lieutenant Commanding Balch, with three armed boats, to take possession of the batteries on St. Simon's island, and Lieutenant Henry Miller, of the Mohican, with a suitable force, to take possession of the works on Jekyl island.

On St. Simon's island were two batteries, consisting of strong earthworks, and so arranged as to command the approach to St. Simon's sound. There were twelve embrasures and numerous well-constructed magazines. No guns were mounted, but a ten-inch solid shot found near indicated the calibre of some of them.

On Jekyl island were also two batteries, of much greater strength, however. The one furthest seaward, and commanding the main channel, was a bomb-proof work, constructed of palmetto logs, sand bags, and railroad iron, well supported and braced from the interior with massive timbers. It had mounted three casemated guns, though these, their carriages, and all ammunition, had been removed. The other battery, five hundred yards landward, consisted of two casemates and an earthwork capable of mounting four guns *en barbette*. A magazine and a hot-shot furnace were attached. Both St. Simon's and Jekyl islands had been deserted.

After examining the batteries, the vessels passed up the sound to Brunswick and anchored off the town. A fire was observed near the wharf, which proved to be the railroad depot and wharf, the work of retiring soldiers. Lieutenant Commanding Balch, with a large force, covered by the guns of the Potomska, landed at Brunswick without any show of opposition, and hoisted the American flag on the "Oglethorpe House."

The town was entirely deserted, and nearly all property which could be removed had been taken away. The lenses belonging to the light-house at St. Andrew's and the light-house at St. Simon's (the latter building having been destroyed by the rebels) could not, after careful search, be discovered; the channel buoys for the river are still there, but out of place.

Proclamations were posted on several public buildings urging the inhabitants to return to their homes, and promising protection to the property of all good citizens, and the landing party then retired to their vessels.

Nothing was removed from any of the houses, the men under Lieutenant Balch's command carefully abstaining from injuring or taking away the private effects of the inhabitants. I enclose a copy of Commander Godon's interesting report.

Very respectfully, &c.,

S. F. DUPONT, *Flag-Officer.*

HON. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER MOHICAN,
Off Brunswick, Georgia, March 10, 1862.

SIR : I have the honor to report that, in obedience to your order of March 5, I left Fernandina on the morning of the 8th, accompanied by the Pocahontas, Lieutenant Commanding Balch, and the Potomska, Acting Lieutenant Commanding Watmough, and crossed Fernandina bar with just water enough to comfortably float this ship, made the best of my way to St. Simon's bar, and reached it at dead low water, passing it, and getting into St. Simon's channel, through which I carried about seventeen feet to within two miles of the forts, which we could plainly see, commanding St. Simon's entrance.

Here, at sundown, I anchored for the night. After dark I shifted the anchorage of the ship, to alter the range of any guns that might be left in the batteries. At daylight made preparations to pass the batteries, and at sunrise weighed anchor and stood in. Soon discovered that the batteries were evidently abandoned, and anchored my little force inside and beyond range of the guns, and made signal to land from the vessels. Lieutenant Commanding Balch, of the Pocahontas, with three boats, took possession of the fort on St. Simon's island, consisting of strong earthworks of considerable extent and having had eleven guns mounted. Some solid 10-inch shot found in the fort would indicate the calibre of some of the guns there. I enclose a detailed report of that battery by Lieutenant Commanding Balch. Lieutenant Miller, of this ship, at the same time occupied the fort on Jekyl island, which was, it seems, a much stronger position. It was a sand-work, with five casemates finished, covered with railroad iron and very well built, and two unfinished casemates, the iron rails ready to be put up. These two forts commanded the channel for a long distance, and their fire crossed the entrance, which is about a mile (or a little more) wide. Once the batteries were passed, they could offer but little difficulty, as in five minutes the guns of the vessels would have enfiladed them, and could even fire directly in the rear; but they would have given a number of vessels severe trouble in getting beyond them. I enclose the report of Lieutenant Miller of the fort on Jekyl island.

As soon as the boats returned I went on the Potomska, and proceeded in her up the river to Brunswick. So soon as we opened the town to view a heavy fire commenced at the wharf, and, at the same moment, we perceived the railroad cars moving at full speed in the woods. I at once determined to bring up the ships and place myself off the town, in hopes of preventing by my presence the place from being burned, and I at once returned in the Potomska, as I had the pilot with me. Both the Mohican and Pocahontas were under way before I reached them, and we proceeded to Brunswick, off which place I anchored as the sun went down. The cars had returned, but again started at our approach. The Pocahontas anchored opposite the town, but outside of Buzzard Roost island; the Potomska still higher up, and her guns commanded the railroad beyond the town. The following morning I sent the Potomska into the branch opposite the town. Neither this ship nor the Pocahontas can well get in, as at high water only twelve feet was found in the bulkhead, and between the wharf and Buzzard Roost island the river is but about four hundred feet wide.

With the Potomska, Lieutenant Balch took charge of a landing party, consisting of twenty-five marines from this ship and the Pocahontas, and two 12-pounder guns, with forty riflemen from the different vessels, landed, and hoisted the flag. The place was deserted, and most of the furniture of the houses removed; still there was much private property about, some in scows on the wharf, ready to be removed. After a careful examination of such buildings as might be supposed to contain public property, and a careful survey was had, I visited the town, and then directed the command to return to the ship; having posted a notice urging the inhabitants to return, and promising protection to all

property for all good citizens. I enclose Lieutenant Balch's report of his landing, &c. Nothing in the place was touched by the landing party, and such houses as were not open were not even entered. I sincerely hope that at least some good citizens may be found willing to resume their homes under my public notice, and I shall not allow the place to be visited except on duty.

The fire we noticed was the work of retiring soldiers, and proved to be the railroad depot and wharf. The lenses belonging to the light-house were not found; the channel buoys for the river are in the river, but out of place, and the light-house destroyed. The town is closely surrounded by woods, is generally well built, and extends over a considerable space. Several contrabands have come on board. Soldiers are said to be in the woods, not very distant, and most of the inhabitants are said to be about fourteen or sixteen miles back, encamped. I have sent the Potomska and Pocahontas up the river, as far as they could go, to reconnoitre. There is a schooner of considerable size on the stocks unfinished. Fires have been burning about us, but I believe it is the brush being consumed; nor have I noticed, as far as the people are concerned, that they are willing to follow the advice of Messrs. Toombs and Cobb, by placing the torch in the hands of the children to consume their property. All that is done in that way seems to be done by the order of military commanders, who, having no local interest in the neighborhood of their commands, have the heroism to consume the property in which they have no immediate interest.

I am, very respectfully, your obedient servant,

S. W. GODON,

Commander and Senior Officer.

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Blockading Squadron.

Flag-Officer DuPont reports a dastardly attack on a boat's crew of the Pocahontas on the 11th March, 1862.

FLAG-SHIP WABASH,

Off St. John's, Florida, March 20, 1862.

SIR: I have to inform the department that I have heard from Commander Godon of a dastardly and concealed attack made upon a boat's crew of the Pocahontas.

As I have informed the department, Lieutenant Commanding Balch visited the town of Brunswick without anywhere discovering an enemy. A reconnaissance had also been made for some miles up Turtle creek with the same results, the rebels having apparently fled into the interior.

On the afternoon of the 11th instant Assistant Surgeon A. C. Rhoads, of the Pocahontas, by permission of his commanding officer, landed with a boat's crew near the town for the purpose of procuring some fresh beef for the ships. Having accomplished his object, the boat was returning to the Pocahontas, but had scarcely gone twenty yards from the beach when they were suddenly fired upon by a body of rebels concealed in a thicket, and I regret to report that two men, John Wilson (O. S.) and John Shute (O. S.) were instantly killed and seven wounded—one, William Delaney, mortally, and two severely, viz: William Smith, 2d, (first class fireman,) and Edward Bonsall, (coxswain.)

After the rebels had fired their first volley, they called out, in most offensive language, to surrender; but this demand was refused by Dr. Rhoads, who, with the assistance of Acting Paymaster Kitchen and his wounded boat's crew, pulled as rapidly as they could towards the Pocahontas, the enemy continuing their fire.

In a few minutes a shell from one of the 11-inch guns of the Mohican dropped among them and quite near to another company of about sixty men who were advancing rapidly. The rebels scattered and fled in all directions. Several shells were also fired at a locomotive and train observed in the distance, and it is supposed with effect.

Throughout this cowardly assault Dr. Rhoads displayed great coolness and courage, and in his report of the occurrence, whilst commending the crew generally, he especially mentions the bravery exhibited by Daniel Harrington, (landsman,) into which I shall make further inquiries.

Enclosed are the reports of Commander Godon, Lieutenant Commanding Balch, and Assistant Surgeon Rhoads.

I am, sir, very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Comd'g South Atlantic Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER MOHICAN,
Anchorage, St. Simon's Island, March 13, 1862.

SIR: I have the honor to report that the Pocahontas and Potomska proceeded up Turtle river to the head of navigation, so far as vessels of ten feet draught could go with safety, and returned without accident. Soon after the return of those vessels from that expedition, a boat from the Pocahontas landed some distance outside the town, to procure fresh beef. Their work was done, and the boat had already left the beach, when some forty or fifty soldiers made their appearance, and fired upon the boat, killing two men and wounding several others.

Surprised as the crew were, and almost disabled by the murderous fire, they still refused to surrender at the demand of the rebels, although, as yet, almost under the muzzles of their guns. In a few minutes a shell from one of the 11-inch guns of this ship dropped in among them, and quite near to another company of about sixty men, advancing at double quick upon this almost defenceless boat, when they scattered in all directions. The Potomska moved at once to the spot, and used her 32-pounders with effect, and the Pocahontas also fired several shells.

We then noticed, in the woods above the town, the steam from a locomotive, and several shells were thrown toward it, one exploding in its neighborhood, when it disappeared at full speed. Believing that the rebels would return to look after any of their people who were left behind or wounded, at night I directed two shells from the ship to be thrown at the point where the railroad car had been; and in the morning some soldiers were seen near the spot, when the Potomska fired a rifle shell, which exploded over them. By some contrabands that came on board we learned that our shells had gone among the rebels as they were flying to the cars, and I hope they were punished for their insolence.

I enclose Lieutenant Commanding Balch's, as also Dr. Rhoad's report of the affair of the boat; and I take great pleasure in calling your attention to the coolness and courage of that officer, and that of the boat's crew generally. The vessels cannot anchor very near the town, unless in the small stream between the island and the town, and, at low water, could not be moved out if needed; and, without a force on shore, would be liable to be fired into at any moment without the power of returning it with effect. The distance of the vessels induced the attack, which, I believe, has been suitably punished. I had intended leaving Brunswick that day, but delayed in consequence of that affair. I am

now about to go on board the Potomska, and with the Pocahontas proceed through the inland passage to the Altamaha river and toward Darien, and on my return to the anchorage I shall make a further report.

I am, very respectfully, &c.,

S. W. GODON,

Commander and Senior Officer present.

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Blockading Squadron.

UNITED STATES STEAMER POCOHONTAS,

Off Brunswick, Georgia, March 11, 1862.

SIR: On the afternoon of this day Assistant Surgeon Archibald C. Rhoads, attached to the Pocahontas, applied to me whilst on board the Mohican for permission to go on shore and get some fresh beef for the crew, which I granted. From the Mohican he proceeded to land near the telegraph beacon, south of Brunswick, and opposite Brandy point, on Buzzard's island. His party had succeeded in getting a supply of beef, and had already embarked, but had not gone more than twenty yards from the beach when it was fired upon by some forty men, and I regret to report that two men, John Wilson, seaman, and John Shute, O. S., were instantly killed, and William Delaney, O. S., was mortally wounded, and six others wounded, two seriously, viz., William Smith (2d,) 1st class fireman, and Edward Bonsall, coxswain.

I herewith enclose the report of Surgeon John S. Kitchen, of the Mohican, to whose care the wounded were given, and to whom I desire to return my thanks for his prompt and skilful treatment of the wounded, in the absence of Dr. Rhoads, whose wounds rendered him incapable of performing that service. But for the heroic efforts of Dr. Rhoads, Paymaster Theodore Kitchen, and Daniel C. Harrington, (landsman,) of this ship, aided by the crew of the boat, this dastardly attack of the rebels would have resulted, as they no doubt anticipated it would, viz., in the killing of all hands, and that, too, sir, without their having observed the customs recognized by all civilized people. The boat's crew were not summoned to surrender until after a deadly volley had been thrown in, by which two of our men were instantly killed. I desire to call your particular attention to this breach of all brave and honorable warfare, that you may the more fully, as an eye witness, hold up such barbarous warfare to the scorn it deserves.

It is with feelings of pride in our noble profession that I record the essential service rendered my brave comrades whilst under a murderous fire by your timely shells, thrown at so opportune a moment, and by the battery of the Potomska, which hastened to their assistance. The rebels did not remain after the batteries of the two ships once opened fire.

I herewith enclose the report of Dr. Rhoads, detailing at length the circumstances attending the attack, and his subsequent efforts to escape from so overwhelming a force; and I rejoice to know that his efforts, aided by Mr. Kitchen and the boat's crew, saved them from being made prisoners, and thus prevented the rebels from exulting over us.

I am, very respectfully, &c.,

GEORGE B. BALCH,

Lieutenant Commanding Pocahontas.

Commander S. W. GODON,

Commanding U. S. Naval Forces off Brunswick, Georgia.

UNITED STATES STEAMER POCAHONTAS,
Brunswick River, March 12, 1862.

SIR: I have to report that, yesterday afternoon, having received permission to land near Brunswick, Georgia, and procure fresh beef for our crew, I took the second cutter, with ten men and a coxswain, and, with Acting Paymaster Kitchen, landed at half-past three o'clock. Having accomplished our object, we left the shore about 5 p. m., on our return to the Pocahontas. As the men commenced to pull, and when we were about twenty yards from the beach, one musket was fired from a thicket, in the direction of the town. This appeared to be a signal, for, almost simultaneously with the report, a force of forty or fifty showed themselves within the thicket and fired a volley at our boat, killing two men and wounding one seriously. In the confusion following this first fire several of the men jumped overboard, and clung to the gunwale of the boat. This, with the loss of the men first wounded, and two others seriously wounded by the fire of a second volley, diminished very materially the effective force for pulling, so that it was some time before we could increase our distance from shore. However, as Paymaster Kitchen steered, and I pulled the stroke oar, by great effort we were enabled to gradually work our way out into the stream, being all the time exposed to a galling fire.

After about ten minutes the Mohican opened upon the rebels and the Potomska soon followed. The first shell from the Mohican fell in the midst of a group who were preparing to fire on us. This either injured or frightened them, as most of them either scampered towards Brunswick or the woods in the rear, notwithstanding the efforts of an officer whom I could plainly see endeavoring to get them to continue firing. After this a few scattered shots were fired at us, but without seriously wounding any one. I would add that their first volley was fired without hailing the boat, but when they saw us still trying to pull from shore one of them called out: "Surrender, you d—d sons of b—s;" but as they had already killed two men and wounded others, I replied: "No, I won't surrender."

Soon after the ships commenced firing, and while we were still within their range you came up in the gig and took us in tow. On examining the men I found two killed, three seriously wounded, and four slightly so. I would especially mention the conduct of Daniel Harrington, landsman, who exhibited great coolness and bravery during the whole affair; and at the same time I must say that nearly all the men acted nobly.

Very respectfully,

ARCH'D C. RHODES,
Assistant Surgeon.

G. B. BALCH, Esq.,
Lieutenant Commanding United States Steamer Pocahontas.

Commander Godon's report of a reconnoissance from Brunswick to Darien.

FLAG-SHIP WABASH,
Off St. John's, Florida, March 21, 1862.

SIR: Since my last despatch of the 19th instant I have received another interesting report from Commander Godon, giving the details of a reconnoissance by the inland passage from Brunswick to Darien, a copy of which I enclose.

Commander Godon, with the Pocahontas, Lieutenant Commanding Balch, and the Potomska, acting Lieutenant Commanding Watmough, with the launch and howitzer of the Mohican, in charge of Lieutenant Miller, proceeded to open the interior communication between St. Simon's sound and the Altamaha river. He soon encountered an obstruction, consisting of a double row of heavy piles, with their tops just above the water at low tide. In a few hours a sufficient number

were removed, and the Pocahontas and Potomska passed through, but had advanced only five miles further when another obstruction of the same kind was met with.

After an unavoidable delay, owing to the rising of the tide, this also was removed, and both vessels entered the Altamaha, and as they turned into the river two rebel steamers were seen moving off from the wharf at Darien with full head of steam, rendering pursuit useless, particularly as the brasses of the Potomska's shaft-bearing had broken, in a measure disabling that vessel.

Commander Godon learned from some contrabands who came off from shore that Darien, like Brunswick, was deserted, a company of horsemen only remaining in the town, with the intention of firing the place, should the steamers approach it.

Owing to the crippled condition of the Potomska, Commander Godon did not deem it advisable to push his reconnoissance further, and accordingly returned through the passage he had cleared to the anchorage at Brunswick. He visited a number of plantations on St. Simon's island, but, with one exception, all were deserted, though some time previously fifteen hundred troops were quartered there.

Commander Godon speaks in warm terms of Lieutenant Commanding Balch and Acting Lieutenant Commanding Watmough, as well as of the officers and crews of all the vessels under his command, in which I heartily concur, desiring, however, to add my commendation of the zeal and ability of Commander Godon himself, in carrying out my views in reference to our occupation of this important section of the coast of Georgia.

Very respectfully, &c.,

S. F. DUPONT,

Flag-Officer Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER MOHICAN,

St. Simon's Island, March 16, 1862.

SIR: I have the honor to report that on the 13th instant I started in the Potomska, accompanied by the Pocahontas, with the launch and howitzer of this ship, in charge of Lieutenant Miller, in tow, and proceeded through the inland passage toward the Altamaha river.

I had heard that there were one or two rebel steamers at Darien and I hoped that I might get possession of them. About five miles from the anchorage at this place, and where I had left the Mohican, (between the batteries,) we found, as I had heard from contrabands, that the river was staked entirely across. We reached the spot at low water and found a double row of heavy piles, with their heads just above water. I at once got to work with both vessels and in a few hours hauled enough out of each row to allow a passage for both vessels, say forty feet, and here for the first time I learned that about five miles beyond another obstruction of the same kind had been placed. We reached the second difficulty at midnight, placed our hawser, as the tide was rising, but unfortunately the hawser disengaged itself from the pile, and in the night, with the rising tide, we could not find them to go on with the work, and my hope of passing through during the night was lost. My object was to get into the river so as to make a dash up to Darien by early daylight; we, however, worked hard that day, and by twelve o'clock got through the last obstruction. Between the two obstructions, midway, a battery had been built of mud, with the seeming object of firing at the vessels employed in removing the piles, but which could not be observed from those vessels.

As we passed the second obstruction and turned the river we saw the steamers moving off from the wharf at Darien with full head of steam, going up the Altamaha river.

At sundown I anchored both vessels at Doboy island, passing to reach that spot, which is on the Altamaha river, through Mud river at high water, with just twelve feet. We remained that day at Doboy, the wind blowing quite a gale from southwest to west.

As I had lost hope of the capture of the steamers and observing several large fires in the neighborhood of Darien, I determined to proceed no further at this time, more particularly as we found that the brasses of the Potomska's shaft-bearing had broken, and I feared she might become disabled. I had indeed accomplished my object, which was to open the inland passage to Darien, and if the Potomska had not been in, what I fear, a crippled condition, I should have placed her at Doboy, which commands the river outlet, or at Sapelow island, which commands the entire entrance to the Altamaha and the island passage to Savannah.

Darien has been deserted, as was Brunswick. This we learned from some contrabands who came off to us, a company of horsemen only remaining in town, with the intention of firing the place should we approach it.

I have now been from one end of St. Simon's island to the other; but one white man is left on it. I saw him; he is with his aged mother and little child. He had never been in the army, refused to leave his home, and was in mortal dread of our coming, as the military informed him that we came for the purpose of destroying even the women and children. We procured beef for the vessels at his plantation, for which we paid the price he asked, and furnished the family with some articles, such as coffee, salt, &c., which articles they had not even seen for months. We stopped at one or two other plantations on our way back, all deserted, but had been tenanted by the military at various times, for as late as November some 1,500 troops were quartered on St. Simon's. We found some of the places to contain large quantities of cattle, and at King's plantation, not three miles from this anchorage, we counted some fifty head near where we landed.

All the blacks have been removed from St. Simon's, and at Doboy we met the only negro seen, who was old and alone on the place. He had been the father of thirteen children, but he informed me that every one had been sold as they reached about eighteen years of age, and, as he graphically expressed it, "for pocket money for his master."

Your orders did not embrace the reconnoissance I have just made, and which has caused a delay of several days in communicating to you my progress to Brunswick. I hope, however, you will approve my conduct in the matter.

I have now cleared the passage to Darien from inside, which can be performed rapidly by gunboats of ten feet draught at any time; at low tides eleven feet; the draught of the Pocahontas and Potomska, is rather great, as they might be caught and delayed for higher tides.

I now beg leave, sir, to express myself in warm terms of commendation for the energy and skill of Lieutenant Commanding Balch and Acting Lieutenant Commanding Watmough, and for the aid they have rendered me in the active work we have been engaged in for the last eight days, and I take equal pleasure in mentioning the cheerfulness in this work of the officers and crews of the three vessels engaged.

* * * * *

I cannot speak too highly of the service rendered by Mr. Godfrey, the pilot.

I have the honor to be, &c.,

S. W. GODON, *Commander.*

Flag-Officer S. F. DUPONT,

Commanding S. A. Blockading Squadron.

Abandonment of batteries on Skiddaway and Green islands.

FLAG-SHIP WABASH,
Off Port Royal, March 27, 1862.

SIR : On being boarded this afternoon, while entering Port Royal harbor, by Commander Gillis, of the Seminole, I have the satisfaction to hear that the formidable batteries on Skiddaway and Green islands have been abandoned by the rebels, the guns having been withdrawn in order to be placed nearer Savannah. The abandonment of these batteries gives us complete control of Wassaw and Ossibaw sounds, and the mouths of Vernon and Wilmington rivers, which form important approaches to that city. I enclose the report of Commander Gillis, and also memoranda of information given by a contraband, which may be of some interest to the department.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER SEMINOLE,
Abreast of Skiddaway Battery, Wilmington River, Ga., March 25, 1862.

SIR : In obedience to your order dated 2d instant, we proceeded from Cumberland sound to Wassaw sound, Georgia, to blockade as directed. Having waited some days for the weather to settle and the wind to lull, we this afternoon felt our way with the lead up the narrow channel of the Wilmington river to the battery on Skiddaway island, accompanied by the Norwich, Lieutenant Commanding J. M. Duncan, and Wyandotte, Lieutenant Commanding W. D. Whiting. I sent our launch, with the howitzer and crew, under charge of Master McNair and Acting Master Steele, alongside the Norwich, and went on board of her. She being the shortest vessel and of lightest draught was sent ahead. After firing a shell or two at some horsemen near the house on the left, and a picket guard at the fort, as we approached, I proceeded in the gig, with Paymaster Sands, to the shore, followed by the launch. We found the battery a strong bastioned work for ten guns, with bomb-proof trenches, &c. The enemy had abandoned it, leaving imitation guns, covered with canvas, in position. Other boats from the vessels coming on shore, we destroyed the works, boats, lighters, &c., of the enemy, and having hoisted the Union flag over the fort and house with the red cupola, we returned on board our respective vessels. I learn that the confederate battery on Green island is abandoned. Several houses in sight are burning this morning, the red cupola house included. I send to Port Royal a prisoner taken in the marshes by the Release. His statement accompanies this.

I am, sir, respectfully, &c.,

JOHN P. GILLIS, *Commander.*

Flag-Officer S. F. DUPONT.

UNITED STATES STEAMSHIP SEMINOLE,
Wassaw Sound, Georgia, March 26, 1862.

SIR : The following statement is derived from London Middleton, a contraband picked up this afternoon by the Norwich, and sent on board this ship, viz : His master was William P. Fulton, of Savannah. He left that city on the

22d instant, (Saturday,) coming by way of White Bluff and Green island to Raccoon Keys, from whence he expected to reach "a sawmill," which it was said we had on Wassaw island, with 3,000 troops.

All provisions are scarce at Savannah, and very dear, particularly bacon, rum, liquors, and "such like." Fresh beef is plenty, but costs twenty-five to thirty cents for what used to sell at six, eight, and ten cents per pound. Eggs were selling at fifty cents per dozen; chickens \$1 50 per pair. Tea scarce; coffee selling at \$1 50 to \$1 75 per pound. They are "very bad off" for rum and liquors, and "almost have to give them up," and these, with bacon, they expected from the west, somewhere where the federals now hold possession.

Folks are "going and coming." Some who had left are returning, and they are sending the "negroes and cotton" inland, and moving all the "cash money" to Macon, and threaten to burn the city if they should be unable to hold it, and are in daily expectation of our attack. They had given up the idea of defending the Savannah river by torpedoes, because one of the principal men who was sinking them got drowned while down in a diving bell, and they now talk of piling the river across. He knows of *no raft* near Fort Jackson, near which Tatnall is, on board the Savannah, (late Everglade.) When he was last near Thunderbolt, some time since, they had eight guns mounted. There is a battery (number of guns unknown) at Costan's Bluff, and they said they were mounting guns at "the old fort" above Fort Jackson, below the "gas house," and near the first ferry wharf; but he knows but little of this part of the river, having been a fisherman around about White Bluff and Green island, but more recently waiting on the soldiers.

All the approaches to the city, not only main, but also the by-roads, are being fortified, and they told him "that they had one hundred thousand men."

Green and Skiddaway islands are abandoned except by a few cavalry. The guns from Green island were taken to fortify Benley, and those from Skiddaway to Montgomery, (a part of Benley, but about three-quarters of a mile separate,) both on the Winingberg river, which runs from Raccoon Keys up, making Green island, the first land to the northeast going up, and thence running up to Benley, Montgomery, and White Bluff.

They expect us to cross Skiddaway island, and have guns and pickets at the two bridges to cut them away and fight our forces on their arrival. The first bridge is reckoned to be five miles across from the cupola house, (last night burned by the rebels,) near the Skiddaway abandoned battery.

Respectfully, &c.,

JOHN P. GILLIS, *Commander.*

Flag-Officer S. F. DuPONT.

Fall of Fort Pulaski.

FLAG-SHIP WABASH,
Port Royal Harbor, South Carolina, April 13, 1862.

SIR: The despatches from the commanding general of this department to the honorable Secretary of War will convey the gratifying intelligence of the fall of Fort Pulaski. It was a purely military operation, the result of laborious and scientific preparation, and of consummate skill and bravery in the execution.

It would not have pertained to me to address you in reference to this brilliant and successful achievement had not Major General Hunter, with a generous spirit long to be remembered, permitted the navy to be represented on this interesting occasion by allowing a detachment of seamen and officers from this ship to serve one of the breaching batteries. I have thanked the general

personally for this kindness, and I desire at the same time to express my acknowledgments to Brigadier General Benham and Acting Brigadier General Gilmore for acts of consideration shown by them to my officers and men.

I enclose the report of Commander C. R. P. Rogers, who had the honor to command "Battery Sigel" on the second and important day.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

FLAG-SHIP WABASH,

Port Royal Harbor, South Carolina, April 13, 1862.

SIR: I have the honor to report the return of the detachment from this ship which had the good fortune to take part in the bombardment of Fort Pulaski. It reached Tybee on the morning of the 10th just before the fire was opened; and the batteries being already manned, our men could not participate in the action of the first day.

General Hunter, General Benham, and General Gilmore all manifested the most generous desire to give the navy a share in the good work, and on the 11th, the most important day, four rifled guns in Battery Sigel, one of the nearest and most exposed batteries, and consequently one of the posts of honor, were assigned to the men of the Wabash.

We occupied it at daybreak, and kept up a steady and well-directed fire until the fort hauled down its flag at 2 p. m. The officers and men behaved well. I beg leave to commend to you Lieutenant Irwin, Acting Master Robertson, and Midshipmen M. L. Johnson and F. H. Pearson; Lewis Boun, captain of the forecabin, and George H. Wood, quartermaster.

When the enemy hoisted the white flag General Benham most courteously invited me to detail a naval officer to accompany the officer sent by him to arrange the terms of surrender, and I sent Lieutenant Irwin upon that honorable duty.

I spent the first day of the bombardment in the trenches with General Hunter and in visiting the different batteries, which I caused to be visited by several of our officers and men that they might profit by the experience to be acquired. The bombardment began at 8 a. m. on the 10th and continued during the day; but at first, while procuring the ranges, it was somewhat inaccurate, many of the artillerists being quite untrained. On the second day, in spite of a high wind, the firing from the rifled guns and columbiads was excellent; the former boring into the brick face of the wall like augurs, the latter striking like trip-hammers and breaking off great masses of masonry which had been cut loose by the rifles.

The four upper batteries were above sixteen hundred yards distant from Pulaski, and quite beyond the distance at which it has hitherto been held practicable to effect a breach, but which proved an easy breaching range with the wonderful projectiles which we now possess. When the fort surrendered the barbette guns had been silenced and many of them had been dismounted. The breach was practicable in two places, and could have been stormed without doubt. Our projectiles were passing through it and were knocking down the opposite wall which protected the main magazine, so that the garrison was convinced that in an hour or two the magazine must be blown up.

The heavy 13-inch mortars inflicted much less injury than I had expected; the casemates did not seem at all shaken by them. The parade ground had been formed into deep furrows, into which the shells rolled and burst without

the power of doing much harm. The guns used by the men of the Wabash were three 30-pounder Parrotts and one 24-pounder James.

I am, very respectfully, your obedient servant,

C. R. P. ROGERS,

Commander, Commanding United States Steamer Wabash.

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Blockading Squadron.

Lieutenant Commanding Rhind's report of concealed attack on one of the Crusader's boats.

FLAG-SHIP WABASH,

Port Royal Harbor, South Carolina, April 22, 1862.

SIR: I have the honor to enclose a copy of a report from Lieutenant Commanding Rhind, of the Crusader, detailing the circumstances of a concealed attack upon one of his boats, in which Acting Master William D. Urann was severely wounded.

Lieutenant Commanding Rhind, with the co-operation of Colonel Fellows, of the army, commanding the post at North Edisto, planned a night attack upon the enemy, and though not successful in surprising them, had a short engagement with the rebels, in which he says, "the loss of the enemy, I feel sure, was sufficient to punish them for their cowardly attack on our boat."

Three of the Crusader's men were wounded in this skirmish, viz: Gustave Wacker, ordinary seaman, in the right arm and breast; Theodore Peterson, seaman, wounded slightly on the hip, and James Wilson, first boatswain's mate, on the leg, slightly.

Acting Master W. D. Urann, who was fired upon in the boat, was wounded in the left index finger and right wrist. The finger has since been amputated. Lieutenant Commanding Rhind speaks of him as an excellent officer. He is disabled for some time, but has no desire to leave.

The name of James Wilson, boatswain's mate, is also mentioned favorably.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Commanding South Atlantic Blockading Squadron.

UNITED STATES STEAMER CRUSADER,

North Edisto, April 20, 1862.

SIR: On the 18th a party of the enemy, concealed in the woods below Seabrook's plantation, fired on one of our boats sent there to assist Mr. Reynolds, government agent, in securing some cotton. Acting Master W. D. Urann, who had charge of the boat, was severely wounded in the right arm and left hand.

No one of the enemy was seen during the fire, which was promptly returned by our boat's crew. I planned an expedition to capture the party that night, and called on Colonel Fellows, commanding the post here, for some men to assist me. He promptly afforded them, and enabled me to land a party of about sixty men, including officers.

We marched through the swamps to two plantations where I expected to find the enemy, reaching the further place about 3 a. m. The enemy discovered

our approach and fled, receiving the fire of a platoon of the 55th Pennsylvania regiment, under Lieutenant Bedell, of company K.

We halted there to rest our men, and shortly after daylight discovered a considerable force of mounted riflemen approaching rapidly to attack us. They opened fire upon us boldly, but fled as rapidly as they advanced after a smart skirmish of twenty or twenty-five minutes. I had one howitzer with me, and the first fire from it brought them to a sudden halt; the third and fourth dispersed them.

Three of the Crusader's crew were wounded in the affair. The loss of the enemy, I feel sure, was sufficient to punish them for their cowardly attack on our boat. Their numbers were variously estimated at from 50 to 100. We returned leisurely to the vessel, the enemy not attempting to follow, though all well mounted.

I am under obligations, for his prompt response to my call, to Colonel Fellows, and to Captain R. C. Dow, of company H, 3d New Hampshire, and Lieutenant E. Bedell, company K, 55th Pennsylvania, for their cordial co-operation.

I enclose the report of the assistant surgeon.

Very respectfully, your obedient servant,

A. C. RHIND, *Lieutenant Commanding.*

UNITED STATES STEAMER CRUSADER, *April 20, 1862.*

SIR: I make you the following report:

April 18.—Acting Master William D. Urann, wounded in the left index finger and right wrist. The finger has since been amputated.

April 19.—Gustave Wacker, ordinary seaman, wounded in the right arm and breast; Theodore Peterson, seaman, wounded on the hip, slightly; James Wilson, first boatswain's mate, on the leg, slightly.

I am, sir, very respectfully,

JOHN H. H. BREINTNALL,

Acting Assistant Surgeon.

A. C. RHIND, *Lieutenant Commanding.*

Lieutenant Commanding Rhind's report of expedition to capture a battery near the junction of Dawho, Pow Pow, and South Edisto rivers.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., May 2, 1862.

SIR: I enclose another interesting report from Lieutenant Commanding Rhind, of the Crusader, giving the particulars of an expedition, on the 29th ultimo, with the Hale, to capture a battery on Grimball's plantation, near the junction of the Dawho, Pow Pow, and South Edisto rivers. The enemy opened on the Hale when within 1,800 yards, and continued their fire as she winded her way to engage them at close quarters. But when the Hale reached the last bend and was making a straight course for the battery the rebels fled in haste. Lieutenant Gillis landed with a party of twenty men to destroy it.

The work was about 350 yards from the river bank, and mounted two fine long 24-pounders, on excellent field carriages, one of them, so rapid was the flight of the rebels, being loaded and primed.

Owing to the marshy character of the ground between the battery and the river the guns could not be removed; but Lieutenant Gillis discharged the one

loaded against the other, knocked off the cascabel, and took a large piece out of the breech. Both were then spiked with rat-tail files, and a large fire was made under them of the carriages, lumber, &c. The ammunition left was brought away.

Lieutenant Commanding Rhind next attempted to ascend the Pow Pow river, but owing to the ignorance of the pilot grounded. After getting off he retraced his steps, endeavoring to pass through South Edisto river, but, finding the pilot knew nothing of the channel, gave that up, and determined to return by the Dawho to North Edisto.

Expecting an ambuscade at a point near Slann's Bluff, he made the proper disposition to receive the close fire of the enemy. He reached the point about eight in the evening, and, as anticipated, was saluted by a heavy fire of field-pieces and musketry. The men on the Hale were kept under cover till the enemy had delivered their fire, when they replied with grape, canister, and shell. The point was soon passed and the Hale returned to her anchorage without having had a man injured.

Lieutenant Commanding Rhind commends the officers and men, and particularly Lieutenant Gillis, temporarily in command of the Hale, who managed his vessel well in the very narrow and crooked channel of the Dawho.

As the department is aware what a small vessel, and how lightly armed, the Hale is, it will appreciate this spirited affair of Lieutenant Commanding Rhind. I have given him my commendation, and will add that his manner of holding the waters of North Edisto for several months has been most satisfactory to me.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Com'g South Atlantic Block'g Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER CRUSADER,

North Edisto River, April 30, 1862.

SIR: At an early hour yesterday morning I started in the United States steamer E. B. Hale, Lieutenant Commanding James H. Gillis, to destroy a battery of the enemy on the Dawho river. Acting Assistant Surgeon Brientnall, Master's Mate Henry Parsons, and twenty-two men, with the flat and howitzer of the Crusader, were added to the force of the Hale.

On coming in sight of Grimball's plantation, near the junction of the Dawho, Pow Pow, and South Edisto rivers, the battery was discovered. The enemy opened fire on us at a turn in the river, distant about 1,800 yards from the battery, and continued his fire at the various points in the bends where advantageous opportunities were afforded. One long reach we had to make under a raking fire, but our shell had been planted so effectively by Lieutenant Gillis, who sighted most of the guns himself, that, by the time we reached the last bend and were making a straight course for the battery, the look-out reported the enemy deserting it in haste.

We then threw a few shells into the woods in the rear of the work, ran the Hale alongside the bank abreast of it, and landed a party of about twenty men, under Lieutenant Gillis, to destroy it.

The work was found to be 350 to 400 yards from the banks, mounting two fine long 24-pounders, on excellent field carriages. Lieutenant Gillis found one of the guns loaded and primed, and turning it upon the other knocked off the cascabel and took a large piece out of the breech. Both were then spiked with a rat-tail file, a good fire made under them of the carriages, lumber, &c., the

powder left in the magazine brought away, and every effort made to render the guns unfit for use that our means afforded. I landed shortly after and found the fire well at work on the guns and platforms. It continued to burn during the whole day.

Having finished our labors at this point, we started, about 11 a. m., to go up the Pow Pow river, to capture or destroy a small schooner at the wharf of Morris's rice mill, but, owing to the ignorance of the pilot, we got hard aground about a mile up the river. We remained in that position, unable to bring a gun to bear on either side, until about 5 p. m. Owing to the lateness of the hour and the insufficiency of the object to detain us during the night, we reluctantly gave up that portion of the expedition, and started at 5.30 to return, intending to go round by the South Edisto river. After proceeding a short distance through that stream, I found the pilot ignorant of the channel, and turned the Hale back to the Dawho, to run the gauntlet of an ambuscade that we well knew would be prepared for us at a favorable point near Slann's Bluff. We reached that, on our return, about 8 p. m., and had made proper disposition to receive the close fire of the enemy there. As we anticipated, when close abreast the place in the narrow river, they opened upon us a heavy fire of field pieces and musketry. Our men were kept under cover till their fire was delivered, when, manning our guns, we gave them in return some grape, canister, and shells. The point was soon passed, and we came out into the North Edisto river about 9 p. m., without having a single man hurt.

During the engagement with the battery, the Hale went through a very close fire, but one shot striking her, however, and that a glancing shot on the port bow, doing no damage. While under fire, on our return, one of the guns (32-pounder) was struck in the muzzle by a solid shot from a field piece, knocking out a piece and cracking the muzzle badly for some distance. I fear the gun is rendered comparatively useless.

Canister and rifle balls struck her in various places, but no damage was sustained. The Hale was well handled in that very narrow and crooked stream, by Lieutenant Gillis and his able executive officer, Mr. Bullers. Officers and men all did their duty.

Very respectfully, &c.,

A. C. RHIND,
Lieutenant Commanding.

Flag-Officer S. F. DUPONT,
Commanding South Atlantic Blockading Squadron.

Lieutenant Commanding A. A. Semmes's report of reconnoissance up Riceboro' river on the 26th and 27th April, 1862.

FLAG-SHIP WABASH,
Port Royal Harbor, South Carolina, May 14, 1862.

SIR: I have the honor to enclose a copy of the report of Lieutenant Commanding A. A. Semmes, commanding the United States steamer Wamsutta, of a reconnoissance made by him and Acting Lieutenant Commanding P. G. Watmough, in the United States steamer Potomska, up Riceboro' river, on the 26th and 27th ultimo. The object of the expedition was to ascertain the condition of things in that vicinity, as well as to destroy a brig which was known to be near Dorchester.

After proceeding up Riceboro' river, a very crooked and narrow stream communicating with the waters of Sapelo sound, about 30 miles, and within less than two miles of Dorchester, they ascertained that the brig had been

burned by the rebels, and not deeming it advisable [to proceed further,] the two vessels returned.

On descending the river they were fired upon by a company of dismounted cavalry concealed in the woods and thick underbrush on Woodville island and two of the men of the Wamsutta, James Brown, quartermaster, and George Boswell, ordinary seaman, were killed. Enclosed are the certificates of the acting assistant surgeon and acting assistant paymaster of that vessel. The fire of the rebels was replied to by both steamers with shell, grape, and canister, which effectually silenced them. Their loss, as reported by contrabands who came in shortly after, was 16 killed and 32 wounded.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER WAMSUTTA,
Doboy Sound, April 30, 1862.

SIR: The evening of the 25th instant, Acting Lieutenant Commanding P. G. Watmough sent me his pilot, and information that he was ten miles up the Riceboro' river. The following day, near noon, I joined him with this vessel, and both went up after the brig that ran the blockade at Sapelo sound. Captain Watmough captured, the night of the 25th to 26th, three negroes carrying provisions to a rebel picket of cavalry near his anchorage. They pointed out some of the many dangers of the river, up which we went about fifteen miles that day. The morning of the 27th we reached a point within about a mile of Dorchester, where two negroes (one of whom left this forenoon for St. Simon's sound) came on board, and informed us that a smoke observed by us at 2 p. m. the previous day was the burning of the brig, she having been stripped, scuttled, and fired at that time. I have no doubt of the truthfulness of their information. She was opposite Dorchester.

Having gone thus far—say thirty miles—a point was reached (where the Potomska grounded) where the river became so very narrow, with a still narrower channel, that we deemed it imprudent to go any further. At noon both vessels started down, on the ebb, backing or going head first, as the tide happened to take them. We took the bottom so often that we began to expect it at every bend. It took five hours to get down to Woodville island, where the rebels opened a heavy fire upon us at a distance of from 20 to 30 yards, with rifles. This vessel was ahead, and grounded in the bend when under this fire. We replied to their fire with shells, grape, and canister. Two men were mortally wounded at the first volley. The negroes put the rebel force at about one hundred, and the rapidity of their fire went to show that to be nearly correct. Fortunately the Potomska could bring her battery to bear when our guns could not be used. At one point our starboard battery was used to assist the Potomska. The Potomska's fire was well-directed, and of great assistance to us. She had no casualties. Our port side bore pretty good evidence of the enemy's fire, which commenced at 5.40 and ended at 6.20.

The following day reached this anchorage, leaving the Potomska in Sapelo sound. The men who were killed were buried the same night on Doboy island. It gives me pleasure to bear testimony to the good conduct of all engaged on our side. The enclosed sketch will convey to you some idea of the difficulties of the river; it is not much exaggerated, if any. I enclose you a copy of the doctor's report of the casualties; also other papers from him and the paymaster.

With a good pilot a higher point could probably have been reached, with the chance of having the river obstructed before getting down.

I am, respectfully, &c.,

A. A. SEMMES,
Lieutenant Commanding, United States Navy.

Commodore J. R. GOLDSBOROUGH,
Commanding United States steamer Florida, St. Simon's sound, Ga.

Respectfully forwarded.

J. R. GOLDSBOROUGH,
Commander and Senior Officer.

UNITED STATES STEAMER WAMSUTTA,
Doboy Sound, April 28, 1862.

SIR: In the action between this vessel and the rebels on Woodville island on the 27th instant, I have to report the following casualties: James Brown, quartermaster, and George Boswell, ordinary seaman, were both shot through the abdomen, and died of their wounds the same evening—the former at half-past ten and the latter at a quarter-past seven.

Respectfully yours,

SAM'L F. QUIMBY,
Acting Assistant Surgeon, United States Navy.

Lieutenant Commanding A. A. SEMMES.

Respectfully forwarded.

J. R. GOLDSBOROUGH,
Commodore and Senior Officer.

Acting Volunteer Lieutenant Nickels's report of proceedings at Bull's Bay.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., May 2, 1862.

SIR: I forward herewith a copy of a report of Acting Volunteer Lieutenant J. F. Nickels's detailing proceeding at Bull's bay. He crossed the bar with the Onward on the 7th ultimo, and anchored within 800 yards of the light-house on Bull island, and opened fire on a small work situated about fifty yards to the southward of the light-house. Shortly after he landed in his boats, covered by the guns of the Onward. The rebels fired upon the party, but not awaiting an attack escaped from the island to the mainland. The Onward has now complete command of the channel, so that no vessel can either enter or go out.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Commanding South Atlantic Blockading Squadron.
Hon. G. WELLES,
Secretary of the Navy.

UNITED STATES SHIP ONWARD,
Bull's Bay, April 9, 1862.

SIR: I have the honor to report that we arrived here on the 2d of this month, and on the evening of the 4th I went in my boat to examine the channel to Bull's bay, and also the island; but discovering nothing of importance that night I returned to the ship, and on the following afternoon I again started in the gig, accompanied by the first cutter.

On nearing the fortifications, situated about fifty yards to the southward of the light-house, I noticed indications of the island being occupied, and pulled to within about one hundred yards of the beach, and succeeded in drawing the fire of the enemy to the extent of about fifteen shots, without injuring any one. Being uncertain of the number on the island, and darkness coming on, we retired to the ship.

On Sunday afternoon made a sail in the offing; chased and boarded the schooner Henry Nutt, from New York, bound to North Edisto; returned and anchored near the bar.

Monday morning, the 7th, I went in and sounded and buoyed the channel to Bull's bay, and at 1.30 p. m. got under way, and proceeded in over the bar, (touching slightly in doing so,) and came to anchor in four fathoms of water, within eight hundred yards of the light-house; opened fire on the fort and woods near the beach to see if the enemy, if any, could be driven out.

After firing a couple of broadsides, I then started with the gig and first cutter to make a landing, and on nearing the beach we were again fired upon from the fort. I then sent back the first cutter with instructions to Mr. Dill, the second officer in charge of the ship, to throw a few more shell and cover our landing, which he did, (he seeing the enemy from the ship prepared to dispute our landing, and we not able to see them, owing to the high bank,) by throwing shell among them just as we were landing, which landing we accomplished as soon as possible, but too late to prevent them from escaping to the main land from the opposite side of the island, in boats, setting fire to a house in their hasty flight, which we discovered the next day to belong to W. H. Whildon, the former keeper of the light-house.

On the 9th sent parties on the island, and after a thorough search found it to be entirely abandoned.

We are now lying inside the bar at anchor, four fathoms of water, within about 800 yards of the light-house, having complete command of the channel, so that no vessel can enter or go out.

Very respectfully, your obedient servant,

J. F. NICKELS, A. A. V. L.,
Commanding United States Ship Onward.

Commander GOLDSBOROUGH,
Or Senior Officer off Charleston.

Lieutenant Commanding D. Ammen's report of operations on the St. John's river from the 20th to 30th April, 1862, inclusive.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., May 6, 1862.

SIR: I have the honor to transmit to the department the report of Lieut. Commanding D. Ammen, the senior officer in the St. John's river, with some enclosures. The department will not fail to see how energetically and intelligently this officer has held control of the waters of the St. John's, notwithstanding the withdrawal

of the troops from Jacksonville; this too, with so small a force, which has, however, penetrated again up to Picolata. I commend him to the special notice of the department.

Lieutenant Commanding Nicholson, in the Isaac Smith, was detained over three weeks at St. Augustine before it was possible for him to get over the bar; he entered the St. John's river, however, on the 4th instant, as I am informed by a letter just received from Commander Drayton, who also announces the arrival at Fernandina of the refugees alluded to by Lieutenant Commanding Ammen.

I am, very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Comd'g South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES GUNBOAT SENECA,
Mayport Mills, St. John's River, Florida, May 3, 1862.

SIR: I have the honor to report that in obedience to your order, dated April 15, the Seneca left Port Royal on the 16th, and arrived off St. John's bar the next day at noon.

Lieutenant Commanding Stevens, of the Ottawa, sent a pilot, who went on shore again and returned the following morning, stating that he had sounded coming off, and, although rougher than he liked, yet he could take the vessel in without injury; we struck heavily, however. (A report of which is forwarded, in obedience to general order.)

I found the Ottawa, Pembina, and Ellen inside the bar, and on communicating with Lieutenant Commanding Stevens learned that on a personal inspection of the Ellen he deemed her return to Port Royal a necessity.

On the 19th the Ottawa, towing the yacht America, and accompanied by the Ellen, went to sea, followed by three or four schooners that had remained ten days for a fair wind.

On the 20th the Seneca and Pembina got under way; the latter anchored above St. John's bluff, with orders to return to the mouth of the river the following morning, unless heavy firing was heard in the vicinity of Jacksonville.

We proceeded up the river, and when abreast of Jacksonville observed a number of men, some of whom were reported bearing muskets; at sunset we anchored ten miles above.

On the morning of the 21st we stood up the river, when, near Picolata, we saw a high-pressure steamer coming down. We chased under all sail and steam, but the shoal water impeded our progress, and when up with the Orange flats I regarded further pursuit as futile, and we returned to the terminus of the St. Augustine railroad.

On the 22d we went down the river; on passing Jacksonville a company of sixty or a hundred who had formed hastily withdrew, but sentries appeared at various points, and groups of men, evidently soldiers or officers, demanded our forbearance by the presence of women and children. About sunset we anchored near the pilot-houses at Mayport, and found the Pembina.

At sunrise of the 24th we got under way, and accompanied by the Pembina proceeded off Jacksonville, anchoring abreast the lower saw-mill, or within 10'' range of the entire town. Before anchoring, a woman, in a boat, made signs, and on her getting alongside we found her to be the wife of a man named Vandergrift, who, with his father, had sought our protection several days before. She insisted that she had been abused, and that her life had been in danger from

the fact that her husband had joined us. I therefore took her on board, landing her at this point.

About the time of leaving the river, Lieutenant Commanding Stevens had stated to me that it was supposed that a small steamer had come down to Jacksonville; this was confirmed from various sources. The boat was sent up again in great haste, without landing two heavy pieces of artillery that she had on board.

On the 25th a man named Hall was observed pulling by the vessel, and was captured by us. He bears the character of a "regulator," a gang of marauders who have committed enormities for some time past. He was placed in double irons, and told that he would suffer for any further crimes committed against Union people along the river. In the afternoon we went to the mouth of the river, and on the following morning received on board three deserters from Captain Steele's company. The Pembina went up the river to Picolata, and the following evening both vessels anchored again at our usual point, just below Jacksonville.

On the 27th a flag of truce left the town, and was, after some delay, received by us. The object was to deliver a letter to Hall, and to state formally that he was a soldier. I stated that I was aware that he belonged to Captain Steele's company; that I apprehended him by name, and that he was a reputed "regulator." However, as he had been the object of a visit, I would be circumspect in relation to him, and that he would receive no punishment without trial and conviction by court-martial. I asked the officer whether many women and children were still in Jacksonville? He stated that many remained; and I then asked him to give my compliments to the commanding officer and say that I thought an early removal of them would be advisable.

Two hours later another flag of truce was received by us bearing a letter, of which the enclosed, marked A, is a copy. The following morning I sent Lieutenant Sproston with a flag of truce, bearing a letter, marked B. The commanding officer stated to Mr. Sproston that none of the eventualities specified would occur.

On the 28th the Seneca and Pembina weighed anchor, the former going up, and the latter down, the river to the bar. We anchored well in under a point near Picolata, but saw no steamers attempting to pass down.

On the evening of the 30th both vessels anchored again off Jacksonville; the town had every appearance of being almost entirely deserted.

The following morning the Seneca proceeded to the bar, hoping to find the Isaac Smith, or some other vessel assigned to these waters, but, as yet, none have arrived. I believe it probable that the rebels wish to use Black creek for the purpose of transporting guns or other heavy burdens, and therefore a vessel above the mouth appears necessary, and another at the mouth of the St. John's seems advisable. This occupies the present force, and leaves the vicinity of Jacksonville unoccupied, except upon the occasional removal of the vessels from the other point.

There are at this time about twenty persons at Mayport Mills, families of refugees and of the soldiers who deserted. They are wholly destitute, and I am obliged to feed them, or see them starve. Coming from Jacksonville this morning I seized upon a large sail boat, which I will employ in sending them to Fernandina to-morrow, if the weather is favorable.

The Pembina is now above the mouth of Black creek, and will remain there four days, when she will again meet this vessel at Jacksonville.

I have the honor to be, very respectfully, your obedient servant,

DANIEL AMMEN,

Lieutenant Commanding.

Flag-Officer SAMUEL F. DUPONT,

Commanding Southern Atlantic Blockading Squadron.

A.

HEADQUARTERS FOURTH REGIMENT FLORIDA VOLS., C. S. A.,
Jacksonville, April 27, 1862.

SIR: Major Bowen, of the fourth Florida regiment, informed me this morning that the removal of women and children from this city would be agreeable to you, as it is equally so to me.

I take this occasion to inform you that by Thursday night next the object will be effected, providing conveyance can be found for the purpose, of which you shall be duly notified.

Families desiring to move up or across the river in boats or lighters, it is supposed, will not be interfered with.

I am, sir, respectfully, your obedient servant,

EDWARD HOPKINS,
Colonel Commanding.

B.

UNITED STATES GUNBOAT SENECA,
Off Jacksonville, Florida, April 28, 1862.

SIR: I received your note yesterday by the hands of Major Bowen. The removal of women and children from the immediate presence of hostile forces is always desirable, and as I had made my appearance here several days ago, I supposed by this time few remained.

If it is not your object to erect batteries within one statute mile of the city, or to throw large masses of men into it, or if we are not fired upon in the vicinity, no danger need be apprehended by the peaceable inhabitants, and a removal will not be necessary. If, however, any of the eventualities specified are in contemplation, I advise the earliest removal of all who do not expect to share the fate of those who are in arms.

As I indicated verbally the above points at the time of the receipt of your note, I trust that they have already received your full consideration, and that an early, if not an immediate, answer may be given.

Very respectfully, your obedient servant,

DANIEL AMMEN, *Lieutenant Commanding,*
Commanding Naval Forces, St. John's river, Florida.

Colonel HOPKINS,
Commanding Forces at Jacksonville.

Flag-Officer DuPont reports getting possession of the Planter.

FLAG-SHIP WABASH,
Port Royal harbor, South Carolina, May 14, 1862:

SIR: I enclose a copy of a report from Commander E. G. Parrott, brought here last night by the late rebel steam-tug Planter, in charge of an officer and crew from the Augusta. She was the armed despatch and transportation steamer attached to the engineer department at Charleston, under Brigadier General Ripley, whose barge, a short time since, was brought out to the blockading fleet by several contrabands.

The bringing out of this steamer, under all the circumstances, would have done credit to any one. At 4 o'clock in the morning, in the absence of the

captain, who was on shore, she left her wharf close to the government office and headquarters, with palmetto and confederate flags flying, passed the successive forts, saluting as usual by blowing her steam whistle. After getting beyond the range of the last gun, she quickly hauled down the rebel flags and hoisted a white one.

The Onward was the inside ship of the blockading fleet in the main channel, and was preparing to fire when her commander made out the white flag. The armament of the steamer is a 32-pounder or pivot, and a fine 24-pounder howitzer. She has, beside, on her deck four other guns—one seven-inch rifled—which were to have been taken the morning of the escape to the new fort on the middle ground. One of the four belonged to Fort Sumter, and had been struck in the rebel attack on the fort on the muzzle. Robert, the intelligent slave and pilot of the boat, who performed this bold feat so skilfully, informed me of this fact, presuming it would be a matter of interest to us to have possession of this gun. This man, Robert Small, is superior to any who have come into our lines—intelligent as many of them have been. His information has been most interesting, and portions of it of the utmost importance.

The steamer is quite a valuable acquisition to the squadron by her good machinery and very light draught. The officer in charge brought her through St. Helena sound, and by the inland passage down Beaufort river, arriving here at 10 o'clock last night.

On board the steamer, when she left Charleston, were eight men, five women, and three children.

I shall continue to employ Robert as a pilot on board the Planter for the inland waters, with which he appears to be very familiar. I do not know whether, in the views of the government, the vessel will be considered a prize; but, if so, I respectfully submit to the department the claims of this man Robert and his associates.

Very respectfully, your obedient servant,

S. F. DUPONT,
Flag-Officer Commanding, &c.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMSHIP AUGUSTA,
Off Charleston, May 13, 1862.

SIR: I have the honor to inform you that the rebel armed steamer Planter was brought out to us this morning from Charleston by eight contrabands, and delivered up to the squadron. Five colored women and three children are also on board. She carried one 32-pounder, and one 24-pounder howitzer, and has also on board four large guns, which she was engaged in transporting.

I send her to Port Royal at once, in order to take advantage of the present good weather. I send Charleston papers of the 12th, and the very intelligent contraband who was in charge will give you the information which he has brought off.

I have the honor to request that you will send back, as soon as convenient, the officer and crew sent on board.

I am, respectfully, &c., your obedient servant,

E. G. PARROTT,
Commander and Senior Officer present.

Flag-Officer S. F. DuPONT,
Commanding South Atlantic Blockading Squadron.

Proceedings of Commander Prentiss in Winyaw Bay, &c.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., May 28, 1862.

SIR: When off Georgetown in the Keystone State, on the 19th instant, Commander Prentiss, of the Albatross, and the senior officer of the blockading force off that port, informed me that he had delayed crossing the bar, being apprehensive that the steamer Seabrook, with a thousand bales of cotton on board, might get out of the Santee while he was inside, but that he was preparing to enter. I have the pleasure to enclose a very interesting report from him detailing his operations and occupation of Winyaw bay.

Commander Prentiss crossed the bar on the 21st instant, with the Albatross and the Norwich, Lieutenant Commanding Duncan, and entered Winyaw bay. After passing a small deserted redoubt near the light-house, an extensive fortification was observed on South island with, apparently, several large guns mounted; but on approaching nearer, it was found deserted, and the guns proved to be Quakers. Another fortification, on Cat island, was also observed.

On the 22d he stood up the bay for the city of Georgetown, entered Sawpit creek, and steamed slowly along the wharves. Not being prepared to hold the place, Commander Prentiss did not land, knowing there was a force of both cavalry and artillery in the town, and a contest might have involved the destruction of the city. He ascended the Wacamaw river, about ten miles above Georgetown, through a rich and beautiful country, meeting with no resistance. He took under his protection about eighty contrabands.

The rebels are much alarmed, and are leaving their plantations in every direction, driving their slaves before them to the pine woods.

The department, I am sure, will be pleased with the report of Commander Prentiss, as it conveys not only important information, but at the same time evinces, on his part, courage and discretion.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

UNITED STATES STEAMER ALBATROSS,
Winyaw Bay, May 25, 1862.

SIR: I have the honor to report that on the afternoon of the 21st instant, finding my draught of water sufficiently reduced, I passed the bar with the steamer Norwich, Lieutenant Commanding Duncan, in company, and entered this bay. Passing a small deserted redoubt near the light-house, we could see, on South island, quite an extensive fortification with, apparently, several large guns mounted in barbette. We ran for this, but on nearer approach found it abandoned and armed with rebel Quakers. From this point we could see, on Cat island, a well-built fort. Some cavalry appeared in the skirts of the woodland. We scattered them with a few shell, and running under the walls found it deserted like the others, and armed with like harmless batteries. This was a well-built fortification, of quadrangular form, fitted with platforms for mounting ten guns and containing bomb-proofs, magazines, and furnace for hot shot. I landed, fired the fort and encampment near it, together with a large quantity of timber prepared for closing the channel.

At daylight on the 22d I stood up the bay for the city of Georgetown, entered Sawpit creek, on which it is built, and steamed slowly along the wharves, the muzzles of our guns within thirty yards of the houses.

A brig loaded with turpentine was fired as we approached, probably with the intention of stopping us, but the time chosen for entering was slack-water, and the wind unfavorable for their purposes. We passed the burning hull to the outskirts of the town, turned with some difficulty, and retraced our route, stopping from time to time to capture a boat or see if the authorities were disposed to communicate with us. I had sent word to the Union men to make no demonstration whatever, as I was not prepared to hold the place permanently. A few, however, appeared upon the wharves and indicated by gestures or words their joy at seeing us, while the masses of citizens kept aloof. No hostile movement was made, though there were at the time both cavalry and artillery in the place. While passing up a woman appeared in the belfry of a church or city hall, and spread a rebel flag over the bell. I was greatly tempted to send on shore and seize it, but refrained, from the consideration that a contest in the streets would have compelled me to destroy the city, involving the ruin of the innocent with the guilty. This would have been the work of a few minutes only, and I am prepared to put the place in possession of the military whenever they will send a force to occupy it permanently and protect the Union men, who number nearly one-fourth of the population.

In the afternoon I ran up the Wacamaw about ten miles, through a rich and beautiful country, stopped at a public mill, seized a lighter of rice, several boats, and about eighty contrabands, who claimed my protection. I then returned to the anchorage, near the light-house, and founded a colony, which is rapidly increasing.

From time to time I have shelled the woods where encampments have been found, and there is not now a solitary rebel on North or South island. Yesterday I destroyed the last remaining bridge which connects with the main land, and there is no longer danger from incursion of cavalry, the only arm that is efficient, or that dares venture down here. The rebels are just now very much frightened, and are leaving their plantations in every direction, driving their slaves before them to the pine woods.

Large quantities of rice are stowed along the banks of the river, and the armies at Charleston and Savannah are constantly supplied from them. If you will send me the means, (small steamers and vessels for transportation,) I can capture immense quantities, but to do this it will be necessary to seize the mills at the same time, for when we commence seizing they will commence burning them. * * * * *

I am, sir, respectfully, your obedient servant,

GEO. A. PRENTISS,
Commander.

Flag-Officer S. F. DuPONT,

Commanding South Atlantic Blockading Squadron,
Hilton Head, S. C.

Possession of Stono by the gunboats.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., May 31, 1862.

SIR: I have the honor to inform the department that the gunboats have possession of Stono.

From information derived chiefly from the contraband pilot, Robert Small, I had reason to believe that the rebels had abandoned their batteries, and accord-

ingly directed Commander Marchand, the senior officer off Charleston, to make a reconnoissance to ascertain the truth of the report. This was done on the 19th instant, and the information proving correct, I ordered the gunboats, on the next day, (being myself off Charleston in the Keystone State,) to cross the bar.

The Unadilla, Pembina, and Ottawa, under Commander Marchand, assisted materially by C. O. Boutelle, esq., assistant on the Coast Survey, succeeded in entering Stono, and proceeded up the river above the old fort opposite Legaréville. On their approach the barracks were fired and deserted by the enemy.

Six prisoners were captured by Messrs. Boyd and Bradford, two officers of the surveying steamer Bibb, with a boat's crew of five seamen. The prisoners were a picket guard at the magazine of the old fort, and belong to the 24th South Carolina regiment. On the 28th instant the Huron crossed the bar, and the day following the Pawnee.

Enclosed is a copy of an interesting report of Commander Drayton, in which he says: "We are in as complete possession of the river as of Port Royal, and can land and protect the army whenever it wishes." There are no batteries of the enemy on the Stono below Wappoo Cut, where, however, the rebels have a battery of smooth-bore guns, with a rifled cannon of long range, exceeding that of any in the squadron.

This important base of operations—the Stono—has thus been secured for further operations by the army against Charleston, of which General Hunter proposes to take advantage. I have put at his disposal, for the transportation of troops, the steamers Alabama, Bienville, Henry Andrew, Hale, and Planter. The tugs Petit and Mercurey are to-night employed on the same duty.

* * * * *

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Com'dg South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

UNITED STATES STEAMER PAWNEE,
Stono, May 30, 1862.

SIR: In obedience to your orders of the 28th instant I entered this place the following morning, but not without some difficulty; for, although it was at the very top of the tide and in the best water, my vessel struck heavily twenty times, and I am satisfied that every vessel drawing more than nine feet must always do so.

I found that Captain Marchand had arrived here the evening before with the Ellen, and had already ordered almost everything that I had intended doing myself. Two vessels had been sent to look for the battery that had fired on the Unadilla, and Lieutenant Commanding Collins, on his return, reported that it had been removed to Charleston, probably having thrown the guns overboard, as some were felt under the mud, belonging either to this battery or to an earth one which was destroyed by him.

I found the Pembina and Huron a little above Legaréville, the Ottawa lower down, and with the three vessels went up until, at the last bend of the river before coming to Wappoo Cut, we opened fire on a small steamer which was seen near that place, when a fire was opened on us from a very heavy rifled gun, some of whose shot and shell fell a little short. Here I left the Pembina and Huron for the night a little above Newtown creek, returning to the Pawnee, which I had left below the piles off Legaréville.

This morning, having had some of the piles drawn up, I passed through the

barrier and went to the place where I had left the two gunboats, in the Pawnee, where I anchored her, and continued on in the Ellen. On rounding a point a little above we came in full sight of the fortification from which the gun had been fired yesterday, when I opened with the Parrott guns of the Ellen, the shell from which just reached, with 20-second fuses and about 16 degrees elevation. This was immediately returned from their rifle, the shells from which were fired with such accuracy that I think they must have measured the distance. After having received about a dozen fires and returned them rather more, and having gained as much information of the battery as was important, I returned to the Pawnee, from which vessel I also threw a few shells, and at sunset returned to the neighborhood of Legaréville, intending to send the Unadilla to you in the morning had the Flora not arrived. The contrabands tell us that torpedoes have been laid in the river; but even were this not the case, I hardly think that the gunboats could go beyond where I did to-day without great risk of sticking in the mud. Besides the rifle gun alluded to, the battery contains a number of smooth-bores, the negroes say seven, the shot from which, however, all fell much short of us, the distance being over two and a half miles, according to Captain Boutelle's measurement, who knows every inch of the ground, having had a surveying station near by. As this battery is on what may be called a different island from that on which the army are to act, I do not see that it can have any bearing on their occupation.

To sum up, we are in as complete possession of the river as of Port Royal, and can land and protect the army whenever it wishes. Beyond the reach of our guns I cannot, of course, be responsible for; it must, to a certain extent, then look out for itself.

We see horsemen everywhere on the watch, but they are becoming a little shy, as we have fired at them several times.

The Flora will take away a number of our contrabands, who are a little in the way at present, although I think the army could find plenty of work for twice as many. The battery I have alluded to is close to Wappoo Cut, but Mr. Hafford, who goes down with this, will point out all the localities.

Captain Marchand went out this morning to join his vessel. There are with me at present the Huron, Unadilla, Pembina, Ottawa, and Helen. The Flora only arrived late this evening as I came down the river; and, as she starts at daylight, I may, in my hurry, not have made myself clear; but, as I said above, Mr. Hafford can explain everything. The Pembina and Huron are now above Newtown creek, where I shall leave them.

Very respectfully, your obedient servant,

P. DRAYTON,

Commander and Senior Officer at Stono.

Flag-Officer S. F. DUPONT,

Commanding South Atlantic Blockading Squadron, Port Royal.

P. S.—I enclose requisitions from the Huron; the rifles are much wanted, Captain Downes states, but are scratched out because of a previous requisition.
P. D.

Death of Lieutenant John G. Sproston.

FLAG-SHIP WABASH,

Port Royal Harbor, South Carolina, June 11, 1862.

SIR: Enclosed the department will find a communication from Lieutenant Commanding Ammen, of the Seneca, reporting the death of Lieutenant John G. Sproston, the executive officer of that vessel.

The man Huston, whose capture was deemed important, was a guerilla chief of desperate character, too many of whom are still left in Florida. He had participated in the ambuscade on the boats of the Penguin and Andrew in Mosquito inlet, when two officers and five men were killed.

A contraband who acted as pilot on that occasion, and was wounded and taken prisoner, this man hung to a tree and boasted of it. After being wounded, Huston's life was spared by the sudden interposition of his wife.

Lieutenant Sproston was an able, brave, and devoted officer, from the State of Maryland. He had come under my observation on the China station in 1858. He was distinguished while in the command of one of the boats which destroyed the rebel privateer under the guns of the Pensacola navy yard in September, 1861, and his whole conduct during this war has been gallant and meritorious. I consider him a great loss to this fleet and to the service.

His remains will be forwarded by the Arago. May I ask the department to have them sent to Baltimore.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

UNITED STATES GUNBOAT SENECA,
Mayport Mills, St. John's river, Florida, June 8, 1862.

SIR: I have the melancholy duty to report the death of Lieutenant John G. Sproston, the executive officer of this vessel. At 3.30 a. m. of to-day he left in command of three boats, with Acting Master J. H. Rodgers, Master's Mate Fiske, and forty small arm men. He was accompanied by a reserve force of thirty men from the Patroon.

The object was to capture a man named George Huston, a captain of a company of rebels now in the vicinity of Black creek. I was informed that Huston boasted of having hung a negro pilot who was captured at the time of the death of Lieutenant Commanding Budd, near Smyrna, and on that account I wished him as a prisoner, for the purpose of securing the general tranquility of persons along this river, most of whom, I doubt not, would gladly acknowledge the authority of the government of the United States, were they not in fear of violence from men of this character.

Lieutenant Sproston landed at early daylight and proceeded rapidly with his party to the house of Huston; the latter, it appears, was apprised of his coming, and met him at the door, armed with a double barrelled gun, two pistols, and a bowie knife. Upon the demand of Lieutenant Sproston to surrender himself as a prisoner, Huston fired at him with a pistol, the ball entering high up on the left breast, killing him instantly. Huston discharged the other pistol and gun without further injury to our party, and was instantly wounded in four places, and brought on board. He is supposed to be mortally wounded. Several shots were fired from Huston's house by persons who escaped.

Huston's firing upon Lieutenant Sproston, supported as he was by a large force, was a wilful murder, and involved necessarily his own destruction.

It is needless for me to state to you and to the department the character of Lieutenant Sproston, known as he is as a highly accomplished and honorable

officer. I cannot refrain, however, from expressing my deep regret that the country should have lost so valuable an officer by the hand of a miscreant.

I have the honor to be, very respectfully, your obedient servant,
DANIEL ANMMEN,

Lieut. Com'g and Senior Officer of forces in St. John's river.

Flag-Officer SAMUEL F. DUPONT,

Commanding South Atlantic Blockading Squadron,

Port Royal, South Carolina.

Barbarities practiced on negroes on Hutchinson island, South Carolina.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., June 16, 1862.

SIR: I have the honor to forward a very interesting and very graphic letter from Lieutenant Commanding Truxton, of the Dale, giving, in strong and earnest words, the condition of many of these sea islands in consequence of the withdrawal of the army forces to Stono.

The Dale is anchored in St. Helena sound, abreast of a fort on Otter island, which until lately was occupied by the troops of General Hunter, while at the same time pickets were stationed on many of the adjacent islands to give notice of the approach of the rebels. In consequence of late projected movements most of these forces have been transferred to Stono, leaving only the Dale, a sailing vessel, to protect the contrabands remaining of choice on the plantations, where many of them had been born.

The rebels, through information given by a negro who had been employed by our army, became aware of the absence of our troops, and, under this man's guidance, made a descent upon Mrs. March's plantation, on Hutchinson's island, surrounded the house with a ferocity characteristic at all events of this part of the south, murdered in cold blood the poor unfortunates, who were awakened from their slumbers to fall by the hands of the infuriated rebels.

The department will perceive by the narrative how much the gunboats are looked up to by the contrabands for their defence, and how much they are feared by the enemy for attack. Even while engaged in firing upon frightened, unarmed blacks, their constant dread was of the ship.

But, whilst desirous to afford protection in all cases, I must earnestly press upon the department the necessity of sending me more steam-vessels of light draught, and at the same time of calling the attention of the government to the urgent need of more troops on this part of the coast.

A good portion of my force is now in the Stono river covering the army, and I am necessarily obliged to take these vessels from their legitimate duty of blockading, and this at a time when, from information derived from the department, a concerted attempt is about being made to break the blockade, either by stratagem or force.

The army for months past has had control in a measure of many of the sea islands in this vicinity, extending to North Edisto. The contrabands have remained quietly here cultivating the plantations under our protection, and it seems to me that the government is bound by every principle of justice and policy to shield them from these barbarous inroads.

I think this a fitting occasion to bear testimony to the zeal and earnestness ever displayed by Lieutenant Commanding Truxton since he has had charge of the waters of St. Helena sound.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer commanding South Atlantic Blockading Squadron.

HON. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES SHIP DALE,
St. Helena Sound, S. C., June 13, 1862.

SIR: This morning at 4 o'clock it was reported to me that there was a large fire on Hutchinson's island, and shortly after that a preconcerted signal that the enemy were in the vicinity had been made from the house of our pilot. I immediately started in the gig, accompanied by the tender Wild-Cat, Boatswain Downs; launch, Acting Midshipman Terry; 1st cutter, Acting Master Billings; 2d cutter, Acting Master Hawkins; and 3d cutter, Coxwain Shurtleff, up Horn or Big River creek, in the direction of the fire. Soon after leaving the ship a canoe, containing three negroes, was met, who stated that the rebels, three hundred strong, were at Mrs. March's plantation killing all the negroes.

As we advanced up the creek we were constantly met by canoes, with two or three negroes in them, panic-stricken, and making their way to the ship, while white flags were to be seen flying from every inhabited point, around which were clustered groups of frightened fugitives. When about two and a half miles from Mrs. March's I was obliged to anchor the Wilt-Cat, from the want of sufficient water in the channel, with orders to be ready to cover our retreat, if necessary.

On arriving at Mrs. March's the scene was most painful; her dwelling and chapel were in ruins, the air heavy with smoke, while at the landing were assembled over one hundred souls, mostly women and children, in the utmost distress.

Throwing out a picket guard, and taking every proper measure against surprise, I satisfied myself that the enemy were not in our immediate neighborhood, the negroes assuring me that they had left the island and returned to Fort Chapman.

I then gathered the following particulars: The rebels during the night landed on the island from Fort Chapman with a force of unknown numbers, guided by a negro who for a long time had been on Otter island in the employ of the army, surrounded the house and chapel, in which a large proportion of the negroes were housed, posting a strong guard to oppose our landing.

At early dawn they fired a volley through the house. As the alarmed people sprang, nearly naked, from their beds and rushed forth frantic with fear, they were shot, arrested, or knocked down. The first inquiry of the rebels was for the "d—d Yankees," and at what time we were in the habit of visiting the islands, mingled with exclamations of "Be quick, boys, the people from the ship will be up;" "let's burn the houses;" "not yet, they will see the fire from the ship and come up."

Having collected most of the chickens and despoiled many of the poor people of their very wretched clothing, and telling them that, as they belonged to the estate, or others nearly adjoining, they would not molest them, they fired the buildings and fled.

As the people were clamorous to be removed, I filled the boats with them and pulled down to the tender, on board of which they were placed. On our return for the remainder, they were observed, as we approached the landing, to be in the utmost confusion, dashing wildly into the marshes and screaming, "the secesh are coming back." On investigation, however, it proved to be that the enemy, in full sight about two miles off, crossing an open space of ground, were in hasty retreat instead of advancing. On our first visit they must have been concealed in a patch of woods not more than half a mile from our pickets.

Having succeeded in removing or providing with boats all who wished to remain to collect their little property, I returned to the ship, bringing with me about seventy, among them one man literally riddled with balls and buckshot, (since dead;) another shot through the lungs, and struck over the forehead with a clubbed musket, laying the bone perfectly bare; one woman shot in the leg,

shoulder, and thigh; one far gone with pregnancy, with dislocation of the hip joint, and injury to the womb, caused by leaping from a second story window; and another with displacement of the cap of the knee and injury of the leg, from the same cause.

It appears that the negro who guided the party had returned to them after the evacuation of this place, told them all the troops had been withdrawn, and that the islands were entirely unprotected except by this ship. I am, therefore, at a loss to account for their extreme barbarity to negroes, most of whom were living on the plantation, where they had been born, peacefully tilling the land for their support, which their masters, by deserting, had denied them, and who were not even remotely connected with the hated Yankee. * * *

I trust you will approve my sending the contrabands to Hilton Head. Had I not been unable to provide for such a large number, and so much embarrassed by the frequent demands made upon me for provisions by new arrivals, I should have waited for your orders in the matter.

Last Tuesday we had an arrival of thirty from the main land, and scarcely a day passed without one or more arrivals, always in a half-starved condition, whose appeals for food I have not yet been able to resist, though trespassing rather largely on the ship's stores. All the new arrivals give the same account of the want and scarcity of provisions among the white population, and of their own dangers and sufferings in effecting their escape.

Though exercising no control over the negroes on the neighboring islands, I have, ever since the withdrawal of the troops, urged them to move to Edisto or St. Helena, and warned them that some night they would be visited by the rebels; but the majority insisted on remaining, because it was their home, while all seemed to have the most perfect faith in the protection of the ship, though perhaps, as was the case last night, ten or twelve miles distant from her.

Very respectfully, your obedient servant,

W. T. TRUXTON,

Lieutenant Commanding.

Flag-Officer S. F. DuPONT,

Comm'g South Atlantic Blockading Squadron, Port Royal, S. C.

Operations in North Edisto river, South Carolina, June 21, 1862.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., June 25, 1862.

SIR: I enclose another interesting report from Lieutenant Commanding Rhind of further operations in North Edisto.

On the 21st instant, with the Crusader and the Planter, and piloted by Robert Small, he ran up North Edisto river into Wadmelow sound as far as Simmons's Bluff, which is on the mainland.

The rebels had an encampment there and some artillery, but made no use of the latter. A few broadsides from the Crusader dispersed the enemy, and Lieutenant Commanding Rhind, landing with a company of the 55th Pennsylvania volunteers, under command of Captain Bennett, met with no resistance. About thirty tents and some cabins used as quarters were fired, and a few muskets brought away. We had no casualties.

The department has noticed how active Lieutenant Commanding Rhind has been while holding the waters of North Edisto, but I respectfully submit that

he should have a better command sent to him, when the department can do so, for I think he has justly earned one.

Very respectfully, your obedient servant,

S. F. DUPONT,

Flag-Officer commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER CRUSADER,

North Edisto, June 23, 1862.

SIR: On the 21st I took this vessel, followed by the Planter, Acting Master Phenix, up to Simmons's Bluff, on Wadmelow sound, and, after a short engagement, drove off a force of the enemy stationed there, and captured and destroyed their camp. On board the Planter were four officers and seventy men of the 55th Pennsylvania volunteers, under command of Captain Bennett. From orders and papers found in the camp, it appears that the force at the point consisted of the Marion artillery and two companies of the 16th regiment South Carolina volunteers, and that the regiment was placed two miles back. As we approached the point the artillery (which seemed to be quartered in some plantation houses near a mile off) was seen advancing, and some baggage wagons going off from the bluff. We advanced slowly without firing, my object being to draw the artillery down; but they seemed to halt in a clump of woods some distance from the point, and apparently retired, as we saw no more of them during the day. We passed slowly by the bluff at half pistol-shot distance, and received a smart musketry fire from rifle-pits and the houses. Our nearness seems to have disconcerted their aim, as their volleys passed harmlessly over our heads. A couple of broadsides were discharged at them, and when the smoke cleared away the enemy had disappeared. Rounding to above the bluff, we passed slowly down again and anchored abreast the rifle-pits and houses. I then went on board the Planter, and taking her in to the shore, landed with Captain Bennett's command, fired their tents, about thirty in number, and some cabins used as quarters. The enemy had taken off the baggage, &c., before we landed. A few muskets and other articles were brought away. We returned to our anchorage off the wharf about 6 p. m. without loss, and with very trifling damage.

Colonel White, of the 55th Pennsylvania, commanding the post here, and his officers and men, co-operated with us with great cordiality.

Very respectfully, your obedient servant,

A. C. RHIND,

Lieutenant Commanding.

Flag-Officer S. F. DUPONT,

Commanding South Atlantic Blockading Squadron.

Engagement on James's island.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., July 3, 1862.

SIR: The most important of my late operations has been reported to the department, viz: the quick seizure of Stono inlet and river before the rebels could discover the very great military error they had committed in abandoning the strong defences of those waters, protected as they were on the interior by

the dangerous shifting and shallow bar leading into them. The army determined to avail itself of this successful turning of all the forts in Charleston harbor, which presented so firm and proximate a base of operations.

Under the cover of light vessels, including the Pawnee, which was bumped over the bar, the troops were landed on James's island, the firing being almost continuous for two days, and succeeded in obtaining secure positions. The naval part of the operations having received the commendation of the commanding general in an order which I have before transmitted. On the return of Major General Hunter to Port Royal an attempt was made in his absence, by a general advance of the army forces, to carry the rebel works at Secessionville, which, it was thought, were in unpleasant proximity to the camps. The effort was unsuccessful, and the troops fell back without being fired upon or followed, and returned to their lines without demoralization, but, I grieve to add, with a loss of killed, wounded, and missing approaching seven hundred.

This event was followed by an order for the evacuation of James's island and of the works already erected there. On hearing this, incidentally, I immediately despatched Commander C. R. P. Rodgers (who, in addition to his duties as captain of this ship, has been discharging those of captain of the fleet) to Stono, to see Commander Drayton and ascertain the effect which this new order of things might produce on the naval force. I have the views of both these intelligent and experienced officers, based upon a local inspection of the important points involved, and I purpose myself, though a short time ago I passed along all the points of my station, to visit them in a few days again.

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S. F. DUPONT,

Flag-Officer commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

Commander G. B. Balch's report of reconnoissance up the Black river.

FLAG-SHIP WABASH,

Port Royal Harbor, S. C., August 21, 1862.

SIR: I have the honor to forward the report of Commander G. B. Balch of a reconnoissance up the Black river, some twenty-five miles above Georgetown, with the Pocahontas and the captured steam-tug Treaty. It was conducted with the energy and intrepidity characteristic of that officer, who was also well supported by Acting Volunteer Lieutenant Baxter, in command of the tug.

The expedition was undertaken for the purpose of capturing a rebel steamer, called the Nina, said to be in the Black river, about forty miles above Georgetown; but after ascending some twenty-five miles, and shelling the enemy out of a battery, Commander Balch received reliable information that the machinery had been removed from the steamer, rendering her possession useless to us.

On his return he was attacked by the rebels from the woods, on both sides of the narrow river, and, though hotly engaged, succeeded in returning to his anchorage, with only one casualty, the wounding of Acting Third Assistant Engineer J. A. Hill, who was severely injured by a Minie ball, though it is to be hoped not fatally.

Very respectfully, your obedient servant,

S. F. DUPONT,

Rear Admiral commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER POCAHONTAS,
Georgetown Harbor, S. C., August 15, 1862.

SIR: I have the honor to report that, from information received from various sources, I was led to believe that I might capture the steamer *Nina*, up the Black river, some fifty miles above Georgetown, and that most likely I should find her in good condition for service. Being anxious to accomplish so desirable an end as her capture, and learning, further, that the rebels had placed batteries along the banks of the Black river to oppose our progress, I determined to proceed up that river, and indulged the hope that, should I fail in getting the *Nina*, I might capture some pieces of "Ward's artillery," and, perhaps, some cotton, rice, or turpentine.

In accordance with these views, I had the tug *Treaty* prepared for active service, and sheathed with two-inch pine plank, inside of which were placed hammocks, for the purpose of protecting those aboard the *Treaty* from rifle shots; and I take this occasion to state that it worked most admirably, and though a novel mode of arming war vessels, still I can commend it to any one engaged on like service. Captain Baxter, with a volunteer crew from the *Gem of the Sea*, taking charge of the *Treaty*, I anchored this ship off Georgetown, on the forenoon of the 13th instant, to await the arrival of the *Treaty* after dark, where we remained till 3 a. m. of the 14th instant, when we got under way and proceeded up the Black river, the *Treaty* in tow of this vessel.

From information received from a number of negroes who came off, I learned that the rebels had several batteries on the river, intended to oppose our progress. We met with no opposition whatever in going up the river some twenty-two miles; and, when nearing the batteries to within six hundred yards or less, I anchored, making a stern hawser fast to a tree, but which, from the effects of the tide, was not sufficiently strong to hold the ship athwart-ships of the tide. We hove up our anchor and succeeded, after some difficulty, in making the ship secure, with her broadside on the batteries at five hundred yards distance. We then went to quarters, and, at 9.25 a. m., delivered a broadside of shell and then opened with grape, the *Treaty* firing her rifled howitzer with great spirit. No reply, however, was made to our fire, and I learned, by a contraband who has been working on the batteries, and who came on board shortly after we ceased firing, that at the first gun the batteries were deserted and "Ward's artillery" went off in full retreat. We piped down at 10.15 and allowed the men rest, the heat being extreme during the firing, with the awnings furled; these we spread, however.

Numerous contrabands were in attendance, some of whom wished to come to us, all of whom were taken aboard. They reported that the enemy were congregating in the woods to fire on us as we went down the river. Captain Baxter landed and made a reconnoissance, which satisfied him that the report was true. Not deeming it prudent to land with the force I had, we remained quietly at anchor, and went to dinner at the usual hour; but, at 1.5 p. m., we were suddenly attacked by the enemy, concealed in the woods, not more than eighty yards from us; no one was injured, however. We replied immediately with great guns and small arms.

The river at this place being only eighty yards wide, and the ship having dragged her anchor and swung head up stream, her stern being hard and fast aground, I called the men forward on the forecastle, when the enemy opened on us again, but, strange to say, hit no one of the crowd collected there. I received great assistance from Captain Baxter, in the *Treaty*; and, finally, this ship floated, and we proceeded slowly past the batteries, which we found deserted. We proceeded up the river some three miles further, being, by water, twenty-five miles above Georgetown, and then turned about, followed by the *Treaty*. As we passed the earth works we were fired upon by the enemy in

ambush, distant only fifty yards, and sometimes less, to which we replied with canister and grape from the great guns and howitzer, and our riflemen, with great effect, taking care to expose the men and officers as little as possible. The bluffs were lined with troops, and, for a distance of twenty miles, we had to run the gauntlet, followed by the Treaty, which kept up a spirited fire from her howitzer and small arms. The river being very narrow, though the ship steers beautifully, we had the misfortune to run aground twice, and both times under fire of the enemy's riflemen; but soon succeeded, by the assistance of Captain Baxter, in the Treaty, in getting off; and then we proceeded down the river, having to stand the fire of the enemy from each side, as the bluffs afforded a chance for them to fire down upon us—a good share of which the gallant little Treaty had to stand, as she followed the Pocahontas.

At 3.40 p. m., whilst under a very sharp fire of the enemy, Acting Third Assistant Engineer John A. Hill was wounded by a Minie ball, and I regret to report that his wound is very dangerous; as yet, however, I am rejoiced to state that his symptoms are all favorable; it is a penetrating wound of the abdomen, the ball having passed entirely through his body. I need not say that he is receiving the most assiduous care of Dr. Rhoades, and he has been removed to the open deck under the poop, that he may have the benefit of a cooler atmosphere; and I am satisfied that if skill and attention can avail his life will be saved.

At sunset we passed Georgetown, and anchored some few miles below, not being able to cross the flats at night; and next morning we got under way, and stood down to the light-house, off which we anchored. * * *

I cannot close this report without calling your attention to the admirable behavior of the officers and crew of this ship on the 14th instant. The coolness and bravery of my gallant officers and crew have elicited my warmest encomiums, and, as an evidence of their efficiency, I beg leave to state that I received aboard a contraband from Georgetown, who saw Ward come in, and who reports that it was known that this ship was *filled with troops*. The rapidity of our fire from the great guns with canister and grape, and then instantly from the rifles, reflects great credit upon the officers and crew of this ship.

Nor can I say less of the Treaty, under her gallant commander, who seemed to court the enemy's shot, and his gallant volunteer crew from the Gem of the Sea; and I desire to bring to your notice the most efficient services rendered by Captain Baxter and the crew of the Treaty; they were all indefatigable in their exertions, and stood the fire of the enemy in the coolest manner. * *

Very respectfully, your obedient servant,

GEO. B. BALCH,
Lieutenant Commanding.

Admiral S. F. DuPONT,

Comd'g South Atlantic Blockading Squadron, Port Royal, S. C.

Behavior of officers and men of the Augusta in the action at Port Royal, South Carolina.

UNITED STATES STEAMER AUGUSTA,
Port Royal Harbor, South Carolina, August 27, 1862.

SIR: Immediately after the battle of Port Royal we were despatched on blockading duty, and, consequently, were not present when the reports of the commanding officers of the other vessels were sent in.

Before leaving this station, I think it my duty to testify to the gallantry and

good conduct displayed on that occasion by all the officers and men of the *Augusta*. They were as cool as they are any other day, and I was very well satisfied with the precision of their fire.

The shot were pretty thick over and around us, but we were struck but once in the hull. This immunity I attribute to the flag-ship and other leading ships receiving the weight of the enemy's fire and being the chief objects of their aim.

Early in the action we saw the *Penguin* near us, disabled by a shot, enveloped in steam, but still keeping up her fire with spirit. We took her in tow, and, during the remainder of the fight, passed the batteries with her, in line with the other ships.

I am, very respectfully, your obedient servant,

E. G. PARROTT,
Commander.

Rear Admiral S. F. DuPONT,
Commanding South Atlantic Blockading Squadron.

Attack on fort on St. John's bluff and possession of St. John's river to Jacksonville.

UNITED STATES SHIP VERMONT,
Port Royal Harbor, South Carolina, October 5, 1862.

SIR: The department is doubtless aware that an attack by the rebels had been made some time since on the gunboats employed on the inside blockade of St. John's river.

A battery had been erected on St. John's bluff and heavy guns planted, which kept those small vessels in the immediate vicinity of Mayport mills. Commander Steedman, with a larger force, had been ordered by Admiral DuPont to look to this. Having approached the fort and felt its force, he urged that troops might be sent to aid in securing the garrison when the battery should be silenced by the gunboats, and to alter the insolent tone of the rebel military authority in that quarter. General Mitchell, with his characteristic promptness, detailed a suitable force for the purpose, under General Brannon, which sailed hence on the 30th ultimo.

I have now the honor to inform the department that I have just received the report of Commander Steedman, in which he informs me that the co-operating force under General Brannon having arrived and landed with great promptness, the gunboats advanced, and, after a spirited and, as it seems, well-directed fire, silenced the battery which was then occupied by our force. The rebels seem to have retired in much haste, leaving guns, (nine in number, seven of which were 8-inch and two 4½-inch rifles,) munitions, provisions, and camp equipage. This success has been without loss on our side. The vessels then ascended the St. John's to Jacksonville, and there learned that the rebel forces had retreated beyond that point. We retain possession of St. John's river as far as Jacksonville.

I have the honor to be, sir, very respectfully, your obedient servant,

S. W. GODON,

Captain, Comd'g South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

Further report of the capture of the rebel fort at St. John's bluff.

UNITED STATES SHIP VERMONT,
Port Royal Harbor, South Carolina, October 13, 1862.

SIR: I had the honor to inform the department on the 5th instant, of the capture of the rebel fort at St. John's bluff, with its guns and munitions of war.

Despatches from Commander Steedman, of the 10th, give me further information from the co-operating forces there.

A joint expedition was sent up the St. John's as far as Lake Beresford, (a distance of 230 miles) consisting of the United States steamer E. B. Hale, Lieutenant Commanding Snell, and the armed steamer Darlington, having on board company E, 47th Pennsylvania regiment, all under command of Lieutenant Commander Williams, of the Paul Jones. This force succeeded in capturing the rebel steamer Governor Morton, one of the best boats on the river, and which has been engaged in transporting guns to the battery.

Commander Steedman compliments Lieutenant Commander Williams for energy and intelligence in the performance of this duty, and commends the officers and men under his command for zeal and energy.

I enclose a copy of a letter from General Brannon, acknowledging the hearty and energetic co-operation of Commander Steedman, and commending the zeal and perseverance of his entire command in all their joint operations. Such acknowledgments speak well for the tone and spirit of both services, and I beg to commend General Brannon's letter to your notice.

I am, sir, very respectfully, your obedient servant,

S. W. GODON,

Captain, Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

HEADQUARTERS ST. JOHN'S RIVER EXPEDITION,
Steamship Ben Deford, October 12, 1862.

COMMODORE: I have the honor, through you, as commanding officer of the United States naval forces on this station, to acknowledge, on the part of Captain Charles Steedman, United States navy, commanding the fleet of gunboats in the St. John's river and on the recent expedition for the capture and destruction of the batteries on St. John's bluff, the most hearty and energetic action on his part.

The entire naval force under his command exhibited a zeal and perseverance in every instance, whether in aiding my forces to effect a landing, the ascent of St John's river (230 miles,) or the assistance to one of my transports unfortunately injured in crossing the bar, that is deserving of all praise.

I would respectfully request that Captain Steedman's conduct in this expedition may be brought to the notice of the Navy Department at Washington.

I have the honor to be, commodore, most respectfully, your obedient servant,

JOHN BRANNON,

Brigadier General Commanding.

Commodore S. W. GODON,

Commanding South Atlantic Blockading Squadron, Port Royal, S. C.

Commander C. Steedman's report of an expedition to destroy the railroad bridges near Pocotaligo, S. C.

FLAG-SHIP WABASH,
Port Royal Harbor, S. C., November 1, 1862.

SIR: I have the honor to enclose the report of Commander C. Steedman, of the Paul Jones, detailing the movements of the gunboats placed under his charge in an expedition undertaken to destroy the railroad bridges near Pocotaligo.

This expedition was organized and partially carried out during my absence, though I was at Port Royal when the gunboats and troops returned.

As the department will perceive, by the report of Commander Steedman as well as that of Lieutenant Lloyd Phoenix, of the Wabash, our men behaved with their usual gallantry.

The only casualties were to the men of this ship, three of whom were wounded, one, Oscar Farenholtz, seriously, and two, David Morrow and John Barnard, slightly.

Enclosed is the report of Fleet Surgeon Clymer.

Very respectfully, your obedient servant,

S. F. DUPONT,
Rear Admiral, Commanding South Atlantic Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington.

UNITED STATES GUNBOAT PAUL JONES,
Port Royal, S. C., October 27, 1862.

SIR: I have the honor to submit the following report:

On Tuesday, October 21, Captain Godon, the senior officer commanding in your absence, placed me in command of the gunboats which were to accompany and co-operate with General Brannon's forces. The accompanying paper, a copy of which was furnished each commander of gunboats and transports, gives the names of the vessels, the number of troops each was to carry, the order in which to move, and the directions to prevent any accidents, if possible. The commanders of the gunboats were also assembled on board of the Vermont by Captain Godon, and the proposed movement fully explained.

At sunset, by signal from the Vermont, I got under way and proceeded up to the mouth of Broad river, where I came to anchor, the other vessels following and taking their stations in line. After anchoring, General Brannon called on board for the purpose of consultation, and at his request the three launches of the Wabash and one from this vessel were despatched up the river in tow of a small tug, carrying one hundred men of General Terry's command, for the purpose of surprising the picket guards of the enemy at Mackey's Point and Cuthbert's Landing. The orders were, that the tug should proceed up within two miles of these points, when the troops were to be taken on board of the launches, and continue up cautiously, to effect the object in view. I will here inform you that owing to the ignorance of the contraband guide who accompanied the Wabash's launches, the party failed in their object of capturing the picket guard at Mackey's Point. The party in the Paul Jones's launch, in charge of Acting Master Ormond, being more fortunate in having a good guide, was successful in every respect.

At 12½ a. m. of the 22d the signal for getting under way was made, and, allowing thirty minutes for the rest of the vessels to get ready, this vessel weighed and stood up the river, following a tug in charge of Lieutenant Preston, who was kind to show the way above the flats. To this officer I am much in-

debted for the valuable assistance he afforded me in starting the expedition. The Ben Deford, with General Brannon on board, followed close by. Proceeding slowly up the river (making but six revolutions,) I arrived and anchored just above Mackey's Point at 4½ a. m., accompanied only by the Ben Deford.

I regret to say that at daylight not a vessel of the expedition was in sight, nor did they make their appearance until sometime after sunrise—the cause of this can be explained by their respective commanders.

I have since learned from Commander Worden, of the Conemaugh, that the signal for getting under way was not seen by him, and when he did move, owing to his having no copy of the order of sailing and directions for passing the lights, his vessel grounded by passing on the wrong side of one of them. The Conemaugh, the third vessel in line, in not getting under way and then grounding, I am satisfied was the principal cause of the disarrangement and delay of the other vessels, with the exception of the Marblehead and Water Witch, which ran afoul of each other, got out of line, and did not leave the anchorage until daylight.

Upon anchoring, the disembarcation of troops was at once commenced from the Ben Deford, and continued from the other vessels as they came up. I must here say that the commanders of the gunboats deserve praise for their activity and energy in assisting the disembarcation. By 10 o'clock a. m. the whole force was landed and moved on to meet the enemy.

At the request of General Brannon the Uncas was ordered to proceed up the Pocotaligo and the Patroon and Vixen up the Coosawhatchie rivers, the latter vessels to cover the landing of Colonel Barton's command on board the Planter. These vessels rendered efficient service, and I take much pleasure in commending the conduct of their officers and crews. The three howitzers of the Wabash, in charge of Lieutenant Phoenix and Ensigns Wallace, Pearsons, and Adams, by request of General Brannon, were landed and placed under his orders. The good services rendered by these guns, and the gallantry and skill of the officers and men in handling them, are, as I am informed by the general, beyond praise.

From this time until sunset nothing occurred worthy of note within my observation. At about 5 o'clock p. m. I received a message from the general announcing his intention of falling back, and requesting me to keep a good lookout in case the enemy should attempt to harass his rear. I made arrangements accordingly.

Having received a message from Captain Coriell, of the quartermaster's department, requesting the services of our surgeons, I directed all of them to proceed on shore at once and report to the medical director, which was promptly done, and I am happy to say they rendered very valuable aid in attending to the wounded.

The next day (23d instant) the troops were embarked, and as each vessel received its quota on board it proceeded down the river to Hilton Head, this vessel, the Marblehead, and the Vixen, remaining to cover and bring up the rear. By sunset the whole force was re-embarked, and by 10 o'clock p. m. the last of them arrived off Hilton Head.

To Ensign Johnson, who accompanied me as aid and signal officer, I am much indebted.

It is not for me to say anything in praise of the general in command of the expedition, except that I shall always esteem myself fortunate in having served on two separate occasions with that gallant, able, and courteous gentleman.

It will afford you gratification to learn that the utmost cordiality existed between the two branches of the service.

In conclusion, I must express my high appreciation of the good conduct of the officers and men on board this vessel.

Enclosed you will find Lieutenant Phoenix's report.

I have the honor to be, very respectfully, your obedient servant,

CHARLES STEEDMAN,

Commander, United States Navy.

Rear Admiral SAMUEL F. DUPONT,

Commanding South Atlantic Blockading Squadron.

UNITED STATES STEAMER WABASH,

Port Royal, S. C., October 24, 1862.

SIR: I have the honor to report that three 12-pounder boat howitzers from the Wabash, under my charge, were landed on the morning of the 22d at Mackey's Point. The howitzers, Nos. 1, 2, 3, were, respectively, under the immediate command of Ensigns Wallace, Adams, and Piersons. Assistant Surgeon McSherry accompanied the expedition.

The men had been pulling in the boats since 1 o'clock the previous night, and were by no means fresh on the morning of the landing; nevertheless they cheerfully took their places at the drag-ropes, and kept up their zeal and spirit throughout the expedition. After a march of about five miles, over part of which we were ably assisted at the drag-ropes by a detachment from the third Rhode Island artillery, the infantry met the enemy in the woods, while their artillery opened on us over the trees.

The howitzers were immediately thrown into battery, and commenced a rapid discharge of shrapnell and shells. The enemy having fallen back, we advanced with the troops, although a few rounds of cannister were all the ammunition left to us. On arriving at the position from which the enemy's batteries opened fire, we found part of a rebel caisson filled with 12-pounder shells. After filling our ammunition boxes with these, we proceeded on, as fast possible, to the front, where our forces were already engaged.

On the road one piece was detached and ordered to the left, which was then seriously threatened. The other two came into action with the centre, and commenced firing with shells. This was continued until our shells were all expended, except two for each gun, when the order came to cease firing, and reserve our remaining ammunition in case the enemy advanced. The guns were accordingly loaded with cannister and planted in the road. Our position was shifted to the rear from time to time. As our forces were ordered to fall to the rear, a shell was occasionally thrown into the enemy's position as we moved to the rear; but, as they did not pursue, this was soon rendered unnecessary. When the order to retreat came, the howitzers were secured and moved with the rear of the army. The retreat was commenced a little after sunset, and, after a long, weary march of over four hours, we arrived at the landing, from which the boats took us to the Paul Jones. The morning of the 23d was occupied in transporting troops in our boats from the landing to the transports. In the afternoon the launch and first cutter were ordered up the Pocotaligo river to shell any of the enemy's pickets that might show themselves. A party of these were seen slowly advancing towards the ferry, but were soon dispersed with a few shells. After remaining here until all the troops were on-board the transports, we returned to the Paul Jones, and from thence to the Wabash. I regret to say that David Morrow (seaman) was wounded in the breast, Oscar Fahrenholtz (ordinary seaman) seriously in the arm, and John Bernard (landsmen) slightly injured by the recoil of a gun.

The officers and men behaved with the greatest gallantry, performing every

service with the alacrity of sailors, and bearing all the hardships of the march with the utmost perseverance and fortitude. I am much indebted to Captain Comstock's company, of the third Rhode Island artillery, for the assistance rendered in dragging the pieces.

Very respectfully,

LLOYD PHOENIX, *Lieutenant.*

Commander CHAS. STEEDMAN,

Com'g United States Steamer Paul Jones.

FLAG-SHIP WABASH,
Port Royal, S. C., October 24, 1862.

SIR: I respectfully report the following as the extent of the casualties to the detachments sent from this ship to co-operate with the army in the engagement with the enemy on the 22d instant, viz: two gunshot wounds, of which one is serious, and one contusion, (?) as follows: Oscar Farenholtz, ordinary seaman, badly wounded in the left fore arm, the ball being deeply lodged; David Morrow, seaman, wounded on the front of the chest. The ball traversed five inches beneath the skin, and passed out without penetrating the chest; injury not serious. John Barnard, ordinary seaman, knocked down and run over by a gun-carriage, bruised on the chest and right leg, apparently not seriously.

I am, respectfully, &c.,

GEO. CLYMER, *Fleet Surgeon.*

Rear Admiral S. F. DuPONT,

Com'g South Atlantic Block'g Squadron.

No. in line.	Name of vessel.	No. of men.	Regiment.	Name of pilot.	Name of signal officer.
1	Paul Jones.....	-----	Wabash's launches.	Wm. Jenkins	Lt. Town...
2	Ben Deford	900	-----	-----	Lt. Hill
3	Conemaugh.....	350	-----	Samuel Huguenin	Lt. Vidall ..
4	Wissahickon	250	-----	-----	-----
5	Boston	880	-----	Captain Crowell	Lt. Cross....
6	Patroon	50	-----	Evan Brown, (Coosawhatchie) ..	-----
7	Uncas.....	50	-----	-----	-----
8	Darlington	300	-----	-----	-----
9	Relief and sch'r ..	200	-----	Neptune Huguenin.....	-----
10	Marblehead.....	230	R. I. 1st artillery.	Isaac	Lt Hatfield..
11	Vixen.....	70	R. I. 1st artillery.	George Mackie, (Pocotaligo) ...	-----
12	Flora	300	76th Pa.	-----	-----
13	Water Witch....	130	76th Pa.	Maurice Scott	Lt. Finley..
14	Geo. Washington..	250	-----	-----	-----
15	Planter.....	300	-----	Sam. Pope	Lt. Hamnes..

Memoranda.

1. Three red lights displayed at the masthead of the Paul Jones will be the signal to get under way.
2. Entering Broad river vessels will pass on ——— hand of the 1st red

light, (on Karnak,) on the *port* hand of 2d red light, (in small boat,) and on the starboard hand of 3d red light, (on schooner America.)

3. No masthead lights will be carried. All other lights must be carefully concealed.

4. Each vessel will follow carefully in the wake of its immediate leader, and keep as close to him as practicable.

5. Ben Deford tows flat No. 1, with horses and artillery.

6. Boston tows flat No. 2, with horses and artillery.

GULF BLOCKADING SQUADRON.

Captain Eagle to the Secretary of the Navy relative to the capture of the privateer Royal Yacht.

UNITED STATES FRIGATE SANTEE,
Off Galveston Bar, Texas, November 15, 1861.

SIR: I have the honor to inform you that I have forwarded to Flag-Officer Wm. W. McKean a report of the capture of the privateer Royal Yacht, in the harbor of Galveston, Texas, at about 2 o'clock of the morning of the 8th instant, by the 1st and 2d launches of this ship. Among the brave officers and men Lieutenant James E. Jouett and Mr. William Carter, gunner, were conspicuous for their coolness and courage. They were the first to board the vessel.

It is with pleasure that I would call the attention of the department to the gallantry of Lieutenant Jouett; he was seriously wounded in the arm and side at the commencement of the contest. Although suffering from wounds and loss of blood he showed great firmness throughout; and, after setting fire to the vessel, he was three hours in the launch, pulling for the ship, and had the care of twelve prisoners and six of his wounded men. I can, with confidence, recommend him for a command of any vessel in the service suitable to his rank, although I should much regret his detachment from this ship, as he is a very efficient officer. I am pleased to state that the wounded are doing well.

I have the honor to be, your obedient servant,

HENRY EAGLE, *Captain.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Capt. Henry Eagle reports the death of Henry Garcia and John L. Emerson.

UNITED STATES FRIGATE SANTEE,
Off Galveston Bar, Texas, November 11, 1861.

SIR: I regret to inform you that during the attack upon the privateer schooner Royal Yacht, in Galveston harbor, by our boats, (1st and 2d launches,) at 3 a. m. of the 8th instant, Henry Garcia, seaman, was killed, and that John L. Emerson, coxswain, died on the 10th instant from the effects of wounds received during the contest.

I have the honor to be, respectfully, your obedient servant,

HENRY EAGLE, *Captain.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Capture of the privateer Royal Yacht, at Galveston, Texas, on the 8th of November, 1861.

UNITED STATES FLAG-SHIP NIAGARA,
Off Fort Pickens, December 3, 1861.

SIR: * * * * * * *

I am happy to inform you that I have just received intelligence of a most gallant exploit, at Galveston, highly creditable to both officers and men who were engaged in it. I herewith transmit Captain Eagle's report in regard to it; also a copy of his report to me, and a copy of Lieutenant Jouett's report to him, to which I refer you for the particulars of the affair.

I am, respectfully, your obedient servant,

WM. W. McKEAN,
Flag-Officer, Com'g Gulf Blockading Squadron.

HON. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES FRIGATE SANTEE,
Off Galveston Bar, Texas, November 12, 1861.

SIR: I respectfully inform you that on the night of the 7th instant an expedition left this ship, composed of the first and second launches, armed with howitzers, under command of Lieutenant James E. Jouett and John J. Mitchell, with Mr. William Carter, gunner, and Acting Master's Mate Charles W. Adams, which I am happy to inform you resulted in the total destruction, by fire, of the schooner Royal Yacht, captured after a desperate encounter. She was a large schooner, with accommodations for about twenty-five persons. She carried a 32-pound gun on a circle, and was handsomely fitted up. She appeared nightly off the entrance of the harbor, and I was apprehensive that she was fitted out as a privateer, and was awaiting a favorable opportunity to escape.

Thirteen prisoners were taken, three of whom are wounded. Several of the rebels were killed. It is with deep regret that I have to add that Henry Garcia, seaman, was killed during the action, and John L. Emerson, coxswain, has since died of his wounds. Lieutenant James E. Jouett and Mr. William Carter, gunner, are wounded, but are doing well; their services we shall not have for some time. The following men are wounded: Edward Conway, gunner's mate; Geo. Bell, coxswain; Francis Brown, seaman; Hugh McGregor, ordinary seaman; and Charles Hawkins, seaman. The surgeon reports that they are all doing well. A copy of my orders and Lieutenant Jouett's official report, with my remarks upon the gallant conduct of the officers and men engaged in the expedition, I will forward by the next steamer. Lieutenant Jouett is not yet well enough to make out his report. The prisoners will be sent to New York by the next steamer. One of them is the notorious villain Thomas Chubb; and it is my opinion that they are a desperate set of fellows. I take this opportunity to mention that we are very short of officers, on account of so many having been transferred, two being away in the prize, two being in the schooners, and the illness of Lieutenant Jouett and Mr. Carter. I respectfully request that Acting Master Freeman, or some watch officer, may be ordered to this ship.

I am, very respectfully, your obedient servant,

HENRY EAGLE, *Captain.*

Flag-Officer WM. W. McKEAN,
Commanding Gulf Blockading Squadron.

UNITED STATES FRIGATE SANTEE,
Off Galveston Bar, Texas, November 14, 1861.

SIR: In obedience to your orders of the 7th instant, I took the first and second launches, and, at 11.40 p. m. that day, proceeded into the harbor, intending, if we could pass the armed schooner guarding the channel, and the Bolivar and Point forts, to try to surprise and burn the man-of-war steamer General Rusk, lying under Pelican island fort.

We succeeded in passing the schooner and two forts; but in attempting to avoid the sentinels on Pelican fort, we grounded on the Bolivar spit. At this juncture we were discovered. Deeming it imprudent, after this discovery, to encounter so large a vessel, and so heavily armed and manned, I determined to abandon that portion of the expedition.

As had been my intention, in returning we boarded, and after a sharp conflict, captured the armed schooner Royal Yacht. We took a few stands of arms, thirteen prisoners, and her colors. As our pilot had been shot down, and the schooner had received a shell between wind and water, I did not deem it advisable to attempt to bring her out; we therefore burned her, after spiking her gun, a light 32-pounder. After this we returned to the ship.

I regret to state that one man was killed, two officers and six men wounded, one mortally, who has since died.

Respectfully your obedient servant,

JAMES E. JOUETT,
Lieutenant United States Navy.

Captain HENRY EAGLE,
Commanding United States Frigate Santee.

Approved.

HENRY EAGLE, *Captain.*

GENERAL ORDER

To be read on the quarter-deck of every ship attached to the Gulf squadron.

UNITED STATES FLAG-SHIP NIAGARA,
December 7, 1862.

The commander-in-chief of the United States naval forces in the Gulf of Mexico is anxious to express, in the most public manner, his entire appreciation of the gallantry and coolness displayed by the officers and men of the United States frigate Santee, engaged in the expedition, for the seizure and destruction of the privateer schooner Royal Yacht in the harbor of Galveston on the night of the 7th ultimo.

He desires to assure them that he fully shares the satisfaction they must feel at the *brilliant success* which *crowned* their efforts; offers his sincere sympathy to the wounded, and to the friends of those whose lives were given to the service of their country; and, while expressing his conviction that their names will be enrolled by a grateful country among those who in former years have shed so bright a lustre upon the American navy, feels confident that the survivors will unite with him in thanksgivings to the protecting providence manifested *to them* while engaged in so hazardous an enterprise.

W. W. McKEAN,
Flag-Officer, Commanding Gulf Blockading Squadron.

*Combined attack of the Niagara and Richmond on the rebels off Fort Pickens,
November 22, 1861.*

UNITED STATES FLAG SHIP NIAGARA,
Off Fort Pickens, November 25, 1861.

SIR: I have the honor to inform you that, on the 22d instant, a combined attack was made upon the rebels at this place, by Colonel Brown, of Fort Pickens, and the United States ships Niagara and Richmond, under my command.

By previous arrangement the ships were to attack Fort McRea and the adjoining water batteries; I had, therefore, lightened this ship as much as possible, by sending down and landing the top-gallant masts, together with all the spare spars, hoisting out all the boats, and placing the howitzers in them in readiness for service, and, as she had but little coal or provision on board, succeeded in reducing her draught to twenty-one feet ten inches.

During the night of the 21st instant a position had been selected, and a buoy placed in four fathoms water, and on the following morning at 10 o'clock, at the firing of the first gun from the fort (the signal agreed upon) the Niagara stood in, followed by the Richmond, and both ships came to anchor with springs on their cables, the Niagara in four fathoms and the Richmond in twenty feet water, Fort McRea bearing from the Niagara about north, distance two miles.

We immediately opened fire, but finding the shells from the Niagara fell short, boats were sent out to sound, and a buoy placed in twenty-three feet water, near to the edge of the shoal, distant from Fort McRea about one mile and three-quarters.

At ten minutes after 12 o'clock we weighed, stood in to the buoy, anchored, and sprung the starboard broadside to bear. Our fire was then resumed with marked effect; many of our shells falling directly into the sand battery and fort, and several apparently passing *through* the wall. At 3.15 p. m. the sand battery was silenced for the day by the *cross-fire* from the ships and fort. The barbette guns of McRea were silenced almost immediately after opening fire, and the fire from the casemate guns was gradually slackened, till at 5 p. m. it was silenced *entirely*. That the injury to McRea must be very considerable is proved by the fact that not a gun was fired from that fort during the second day's bombardment.

The Richmond, owing to her light draught of water, was able to take a position closer to the northern shore than the Niagara, and so far in the rear of both fort and battery that their guns could not be brought to bear upon her. For several hours she escaped without a shot, but in the afternoon a *masked battery* among the sand-hills, on the *main land* back of the lagoon, opened upon her. Finding that the rebels were getting her range she changed her position, and shortly after, fearing that she had been struck, and perceiving that *her shells* fell considerably short of the enemy, I signalled her to drop out of the line of fire. The guns in this masked battery were, I think, rifled, and of very heavy calibre, throwing shells over and considerably beyond her.

About 6 p. m. a sudden squall came up from the northward and westward, the wind blowing very fresh, with heavy rain. This caused a fall in the tide, and the ship touching the bottom we were obliged to weigh as quickly as possible, and stand out into deeper water for the night. The enemy availed themselves of this opportunity to repair the sand battery, and mount in it several guns of heavy calibre.

At 9 a. m. on the following morning, the wind still fresh from the northward and westward, we again got under way, stood in, anchored in four fathoms water, (there being some swell,) and opened fire. This was returned briskly from the sand battery. Finding that our shells fell short, ceased firing, and (as

the buoy which we had placed on the previous evening to mark our position had been blown adrift during the night,) sent boats to sound; weighed and stood closer in, anchoring in twenty-three feet water, again opening our fire. Our shells, however, still fell short. As it was impossible to get any closer, (the ship touching the bottom occasionally,) I careened her as much as possible to obtain more elevation, increased the charges, and spent more than an hour in trying every *possible expedient* to make our shot reach, but without success.

During this time the shells of the enemy were falling thick about and passing over us, some going far beyond. I therefore deemed it my duty to withdraw the ship, and to have retained our position would have been to expose both her and the crew to serious injury with no possible advantage. Our not being able to get within range was owing to the fact that the northerly wind had lowered the water, and was directly *in face* of our fire.

The Richmond having expended her 20 fuzes on the previous day, and being satisfied that her guns were outranged by those of the enemy, I deemed it best that she should not join in the attack. Two shots struck this ship, one abaft the fore chains, lodging between the outer and inner planking; the other a little forward of the mizzen chains, passing through the planking, and lodging in one of the knees, starting both the knee and the inner planking; the injury, however, is trifling.

The Richmond also received two shots—one struck forward, shattering the rail and hammock nettings, the other was a shell, which glanced under her counter and exploded in the water, some four feet below the surface, breaking and pressing inboard several of her planks, and causing a serious leak.

The loss in the engagement was one man killed on board the Richmond by a shot, and seven slightly wounded by the splinters. The Niagara, though so much exposed, especially on the second day, escaped entirely.

I would here remark that the experience gained in this affair has convinced me that ships cannot *operate effectively* against forts and earthworks unless they can approach within a few hundred yards. Had the ships been able to run *close in* to McRea our batteries, in my opinion, could have demolished both it and the sand battery in a very short time.

The principal object of the bombardment, the destruction of the navy yard, I am sorry to say, was not accomplished, but the shells from Fort Pickens set fire to the town of Warrington, which is completely destroyed, also the marine barracks, thereby depriving the enemy of comfortable quarters.

I desire to bring to your notice the fact that neither this ship nor the Richmond were furnished by the ordnance department with any fuzes longer than 15", nor am I aware of there being any in the squadron. Had it not been for a supply of 20" fuzes, furnished by Colonel Brown, the ships could not have aided in the bombardment. It is useless to furnish shell-guns of long range, unless fuzes to correspond are provided.

I am greatly disappointed in the range of the 11-inch guns, for with an elevation of 16° (the most we could get after careening the ship) we could not obtain a range of two miles.

I ordered a survey upon the Richmond, (a copy of which I herewith transmit,) and shall send her to Key West to repair the injury from the shot, and also that received while in the Mississippi, as the anchorage here is too much exposed, and it may be necessary to land her guns.

I herewith transmit a copy of notes furnished by Captain Ellison. He reports to me favorably of the conduct of all on board his ship. On board this ship all did their duty; both officers and crew were in high spirits.

I am, respectfully, your obedient servant,

WM. W. McKEAN,

Flag-Officer, Commanding Gulf Blockading Squadron.

HON. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-SHIP NIAGARA,
Off Fort Pickens, November 25, 1861.

GENTLEMEN: You will be pleased to hold a careful survey upon the United States steamer Richmond, and report to me the extent of the injury received by her during the attack on Fort McRea and the adjoining water battery on the 22d instant.

Also whether, in your opinion, it will be necessary to take out the guns and lighten the ship in order to effect the needed repairs.

I am, very respectfully, your obedient servant,

WM. W. McKEAN,
Flag-Officer, Commanding Gulf Blockading Squadron.

Lieutenant J. C. P. DEKRAFFT.

Lieutenant R. L. MAY.

Carpenter JOHN RAINBOW.

UNITED STATES FLAG-SHIP NIAGARA,
Off Fort Pickens, November 25, 1861.

SIR: In obedience to the within order, we have held a careful survey on the steamer Richmond, and find the injuries sustained by her in the attack on Fort McRea and the neighboring sand batteries consist of two shot holes, one over number three starboard gun, cutting entirely through the swinging booms and the main rail in the centre of the port, and passing through the opposite port. Also a shot hole under the starboard quarter, about four feet under water, causing a bad leak by crushing in the outer planking between two of the timbers on a line with the after orlop deck beams.

In our opinion, it is not absolutely necessary to take out the guns, but we are of the opinion that by selecting a smooth-water harbor the ship can be tipped by the bow and heeled to port, so as to make the necessary repairs by using a coffer-dam.

We are, respectfully, your obedient servants,

J. C. P. DEKRAFFT.

ROBT L. MAY, Lieutenant.

JOHN RAINBOW, Carpenter.

Flag-Officer WM. W. McKEAN,
Commanding Gulf Blockading Squadron.

UNITED STATES STEAMER RICHMOND,
Off Pensacola Bar, November 22, 1861.

SIR: I have the honor to present to you the following rough notes on the action of to-day. At 9.55 a. m. Fort Pickens and batteries opened fire upon the navy yard, &c.; at 10 we got under way; at 10.10 beat to quarters; at 10.20 Fort McRea opened fire on the fleet, shot falling short; at 10.35 spoke the flag-officer; at 10.45 let go the stream anchor with a spring, and brought the starboard broadside to bear upon the enemy; at 11 a. m. fired forecastle gun and the starboard battery, our shot falling short; at 10.30 our shot began to take effect on the fort, the enemy's shell falling short; at 12.05 firing forecastle gun only, with 20" shell and hollow shot; at 12.25 p. m. a masked battery opened fire on us from the woods to the westward of Fort McRea; at 12.50 eased our spring cable; at 12.55 piped one watch to dinner; at 2.40 still firing deliberately at both the battery and the fort, shot doing some execution; at

2.45 the buildings outside of the fort discovered to be on fire; at 3 p. m. a shot from the masked battery struck this ship between wind and water, between the main and mizzen chains, the leak discovered in the starboard spirit room; at 3.20 the fire from the masked battery quite rapid—Fort McRea silent; at 4.20 p. m. a shot from the battery struck this ship by number two gun, killing the captain of the gun and wounding seven men, breaking the swinging boom and shattering the rail and hammock nettings, &c.; at 4.30 the fire from the battery very accurate, the shells bursting near and around us; at 4.50 p. m. the flag-officer made signal 12,18; at 5 p. m. hove up anchor, gave the battery our full starboard battery, and stood for the flag-ship; at 5.05 the flag-officer made signal 222; at 5.10 beat retreat; at 5.15 spoke the flag-officer; at 6 p. m. anchored in six and a half ($6\frac{1}{2}$) fathoms water.

I am, sir, very respectfully, your obedient servant,

H. WALTON GRINNELL,

Acting Master's Mate and aid to Captain.

Captain F. B. ELLISON,

United States Steamer Richmond.

Approved.

F. B. ELLISON, *Captain.*

Engagement between the Huntsville and the rebel steamer Strike, December 24, 1861.

UNITED STATES FLAG-SHIP NIAGARA,

Ship Island, December 30, 1861.

SIR :

On the 25th instant I received a communication from Captain Powell, reporting that the Huntsville had been attacked on the previous day by a rebel steamer of much superior force, supposed to be the Strike, but had beaten her off without loss. Commander Price could not follow up the advantage on account of the reef, the Strike being *inside* of the harbor. For the particulars of the engagement, I respectfully refer you to the communication of Captain Powell and the report of Commander Cicero Price, copies of which are herewith transmitted.

I am, respectfully, your obedient servant,

WM. W. McKEAN,

Flag-Officer, Commanding Gulf Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES FRIGATE POTOMAC,

Off Mobile Bar, December 25, 1861.

COMMODORE : I herewith forward report of Commander Price, of the United States steamer Huntsville, of his encounter with the rebel steamer, supposed to be the Strike.

Commander Price promptly engaged this vessel for nearly an hour, and drove her off without injury to his vessel or people, and but for the reef between would have closed, although greatly inferior in force.

Unable to approach the scene, I had yet a good view, and consider that Commander Price conducted the affair with great gallantry and skill.

I am, sir, very respectfully, your obedient servant,

L. M. POWELL, *Captain.*

Flag-Officer WM. W. McKEAN,

Commanding Gulf Squadron, Ship Island.

UNITED STATES STEAMER HUNTSVILLE,

Off Mobile Bay, December 24, 1861.

SIR: This morning the Potomac made signal No. 333, whereupon, recalling my boat from sounding the channel near Pelican island, in the direction of Fort Gaines, I got under way and stood for her.

On my way up a rebel steamer, which we call the Strike, painted black, with two masts, and very low in the water, opened fire at me from inside the reef, in the direction of Fort Morgan. I stood close into the reef and opened upon him in return from my pivot gun and a 32-pounder aft, but soon observed that the shot of the latter fell short, and so continued with my pivot only.

Firing was kept up for three-quarters of an hour between us, the rebel steamer firing rapidly from two rifled guns, and one or two of smooth bore. Several rifled projectiles passed immediately over this ship, and a dozen or more burst all around us, without, however, doing any damage to the hull or crew. I think I struck her several times, when she finally drew off and run under Fort Morgan. All the forces at the fort were apparently out to witness the affair, and the tops and yards of the Potomac were also filled for the same purpose. The Potomac prepared to get under way and come to my assistance with her rifled gun, but the wind was too light for her to do anything. Had I have had her rifled gun the result might have been different to the rebel steamer. The distance between us was perhaps from one and a half to two and a half miles. Her object was doubtless to try her new rifled guns as well as to draw my own fire, and ascertain what guns I carried. She fired fifty guns, I suppose, and I fired about half that number. It is unaccountable that I was not struck and very much cut up, for a dozen or twenty of her rifled projectiles struck within a cable length of me; some were fuzed and exploded; I judge the others were percussion.

You are aware that I am without a rifled gun; my pivot is so badly mounted and fitted that to run it in and out requires twice the time that it would if fitted properly, and that by a crew as well trained as any in the squadron. In fact, the battery of this ship is entirely too light and very defective, and ought to be remedied.

I have the honor to be, very respectfully, your obedient servant,

CICERO PRICE, *Commander.*

Flag-Officer W. W. McKEAN,

Commanding Gulf Blockading Squadron.

Capture of the schooner J. W. Wilder and successful expedition of the Hatteras to Cedar Keys, January, 1862.

UNITED STATES FLAG-SHIP NIAGARA,

Ship Island, January 22, 1862.

SIR:

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The prize schooner J. W. Wilder has just arrived from off Mobile. She was captured by the steamer Cuyler, Lieutenant Commanding Winslow. When

discovered she was at anchor a short distance to the eastward of Mobile harbor; but, upon the approach of the steamer, she was run ashore and abandoned by her crew. Lieutenant Commanding Winslow succeeded in running a hawser to her and dragging her off, but the enemy having opened a fire of musketry upon the Cuyler and her boats from among the sand-hills near the beach, I am sorry to say that three of her crew were severely wounded before the rebels could be dispersed. I have not yet received Lieutenant Commanding Winslow's official report, but will forward it by the next mail.

As the Wilder is flat-bottomed, with a centre-board, and is not in a condition to make a passage to the north at this season, her cargo will be forwarded to Philadelphia by one of the chartered coal schooners now here. Being in want of ballast, her commander has volunteered to take it free of charge.

In my despatch (No. 13) of the 8th instant I reported that I had despatched the steamer Hatteras, Commander Emmons, to Cedar Keys for the purpose of operating against the rebels at that place. I am happy to inform you that she has this day arrived here, and that Commander Emmons was completely successful in the execution of his orders. I herewith transmit a copy of his report, together with a list of property captured or destroyed, a descriptive list of prisoners, and a copy of a letter addressed by Commander Emmons to the commanding officer of the rebel forces in Florida in reference to prisoners released on parole on account of sickness. * * * * *

I am, most respectfully, your obedient servant,

WM. W. McKEAN,

Flag-Officer, Commanding Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER R. R. CUYLER,

Off Mobile Bar, January 23, 1862.

SIR: In accordance with the instructions of Captain Powell, of the Potomac, the following report of the circumstances attending the capture of the schooner J. W. Wilder, taken in the act of violating the blockade about fifteen miles east of Mobile bar, is most respectfully submitted:

On the morning of the 20th instant, while the Cuyler was employed watching the eastern passage over Mobile bar, a schooner was discovered at anchor some eight or ten miles to the eastward, near the shore, and no time was lost in proceeding to examine her. So soon as the Cuyler was observed to be approaching, the schooner "slipped," made sail, and steered for the beach, and on grounding, was immediately abandoned by the captain and crew, the steamer under my command being at that time some four or five miles distant. As we gradually drew nearer in, a considerable party of persons was observed on the beach, apparently engaged in effecting communications with the schooner, and apprehensive of an attempt to destroy her, I directed a shell or two to be thrown in that direction from our Parrott gun; one of which fell quite near, and the party rapidly disappeared behind the adjacent sand-hills. The executive officer (Lieutenant Phillip) was then despatched, with an armed boat, to take possession, who boarded the schooner and hauled down her sails, as well as an English ensign, which had been left flying at the mast-head. The Cuyler, meantime, steaming cautiously in by the lead, dropped an anchor in five fathoms water, at a convenient distance from the beach, and in position to cover and secure the prize, on which a sharp fire of musketry was now opened from a range of low sand-hills near the schooner, and was promptly returned by the boarding party and the marines drawn up on the Cuyler's quarter-deck, while a few shells from the two after guns on the main deck assisted in clearing the beach.

Our efforts were next directed to getting the schooner afloat, and to cover the working parties engaged in running out hawsers, &c., the light twelve-pounder howitzer was placed in our largest surf-boat. No annoyance from the enemy was experienced for several hours, but our hawsers were twice parted by the strain, the last time accidentally "fouling" the propeller.

About 2 o'clock p. m., having succeeded in making fast our largest hawser to the foremast of the schooner, orders were issued for all hands to return on board; but the boat sent to withdraw the working party from the prize unfortunately "bilged," and was swamped alongside, and while the other two boats were engaged in rescuing the men who were in the water and towing off the "dingy," a destructive fire was reopened by the "coast guard," (evidently reinforced,) from their sheltered position behind the sand-hills. Four of the eight persons in the howitzer boat (including the officer in charge) being disabled by the first fire, the gun could not be used, and the Cuyler's stern being secured to the schooner by a hawser, and her propeller still clogged and temporarily inoperative, the broadside battery was also unavailable, but a rapid and continuous fire of small arms was maintained from the quarter-deck. The opportune arrival of the steamer Huntsville at this time, with two of the Potomac's cutters in tow, afforded material and welcome aid. Commander Price immediately opened with his battery on the sand-hills, while Mr. Shley, the master of the Potomac, pulled gallantly in towards the beach with the cutters of that ship and rescued our crippled boat, which, with the wounded men, was fast drifting into the surf, our gig and second cutter at the same time picking up the men who were swimming towards them. The fire of the enemy was soon silenced and the wounded men removed from the surf-boat, which was promptly manned by a fresh crew and resumed its position near our stern, where our men were still at work clearing the propeller. The hawser fast to the prize had been previously taken to our forward capstan and a portion of our crew kept steadily at the bars; and about 4 o'clock p. m. the schooner floated and was safely hauled out under our stern.

At 5.30 p. m., having succeeded in clearing our propeller, the anchor was weighed, and, in company with the Huntsville, the Cuyler steered for the Potomac, with the prize in tow.

After careful search, neither register, manifest, nor clearance could be found; and those papers were probably removed or destroyed by the master on "beaching" the vessel; but the documentary evidence inadvertently left on board is believed to be sufficient to prove that the schooner eluded the blockade early in December last, proceeding from Mobile to Havana, which port she left early in January, bound to Mobile.

All the books and papers found on board have been duly enclosed under seal to the United States district judge at Philadelphia. The name on the stern of the schooner was partially blacked over, but the initials "J. W." were still perceptible; and among the papers a certificate of inspection dated at New Orleans in March, 1861, identified the vessel as the "J. W. Wilder," of Handsborough, Mississippi. The usual "quarter-boards," with that name in gilt letters, were found carefully concealed in her hold, and a white "bergee," with "J. W. Wilder" in red letters, was also found on board, with two American ensigns. As a large Confederate States flag (evidently not entirely new) was subsequently detected ingeniously secreted in a bag of coffee, an illegal and unauthorized use of the English ensign is presumed to have been made on this occasion.

I regret to be under the necessity of reporting four persons wounded (two of them seriously) by the enemy's fire—John Bloom and Daniel J. Evans, seamen, Ed. Dorsey and Thomas W. Johnson, landsmen; Mr. Morse, acting master's mate, while in charge of the howitzer boat, was also struck and partially stunned by a ball that grazed his head while in the act of discharging the gun. His promotion to the grade of acting master is respectfully suggested.

The Cuyler's stern being less than three hundred yards from the beach, and her quarter-deck awning and stanchions cut by rifle balls, it is somewhat remarkable there are not more casualties to report.

Acting Master Henry K. Lapham rendered efficient services in securing the prize, and also in clearing the Cuyler's propeller, and has subsequently been placed in charge of the prize. Midshipmen Adams and Alexander, with the boats under their charge, aided in rescuing our men from the water, regardless of the enemy's fire, and exhibited promise of much future usefulness to the naval service; and the officers not individually named aided me most zealously and effectively in their respective departments.

In view of the fact that the Cuyler's crew were under fire for the first time, a commendable degree of steadiness and spirit was evinced.

In conclusion, I am desirous of expressing my sense of indebtedness to the valuable assistance afforded me throughout the day by the executive officer of the Cuyler, Acting Lieutenant J. Van Ness Philip, whose permanent restoration to his original position on the Naval Register would be an appropriate and acceptable recognition of his present services, as well as an unquestionable advantage to the public interests.

With much respect, I have the honor to be your obedient servant,

FRANCIS WINSLOW,

Lieutenant Commanding.

Forwarded to Flag-Officer William W. McKean, commanding Gulf blockading squadron.

L. M. POWELL,

Captain and Senior Officer Present.

UNITED STATES STEAMER HATTERAS,

Cedar Keys, January 10, 1862.

SIR: I have the honor to report, that in carrying out your instructions in this locality I have been entirely successful, with the expenditure of very little powder, and no one killed that I am aware of.

We have captured or destroyed all the public property here, including a battery of two long eighteens in position on the east end of Sea-horse key, with their carriages, and some ammunition and barracks; a six-pounder field-piece in Depot key, with the railroad depot and wharf; several cars, the telegraph office, and a turpentine storehouse, besides four schooners and three sloops, one ferry-scow, sail-boat, and launch. Two of the schooners were laden with turpentine, rosin, and cotton, and nearly ready for sea; and the first, the schooner Stag, was run on shore and fired while our boats were approaching her, and after I had fired two shells to prevent her escape.

The only other vessel in port was the schooner Fanny, (100 tons,) partially loaded with turpentine. This is the same vessel that was captured with Lieutenant Selden on board several months since, and she succeeded in escaping over the reefs to the southward and eastward during the night. The ferry-boat was captured on its way from the railroad depot to Depot key, having on board, among others, a lieutenant and thirteen armed soldiers belonging to the 4th Florida regiment, all of whom were taken prisoners.

The boats that were sent on this duty were in charge of Acting Master Hoffman, aided by Master's Mates McGrath and Hazlett, and, with the crews, were employed nearly all of the first night. All were zealous, and performed their duty most faithfully, and deserve more than my humble thanks.

I enclose a list of the prisoners taken, and a more detailed statement of property captured and destroyed.

I am, very respectfully, your obedient servant,

GEORGE F. EMMONS, *Commander.*

Flag-Officer W. W. McKEAN,

Commanding Gulf Squadron.

UNITED STATES STEAMER HATTERAS,

Cedar Keys, January 16, 1862.

SIR: The fortune of war has placed in my hands some of your military force stationed here. Among them are four named Benjamin Gatlin, B. J. Simmons, J. S. Poer, and John Carleton, who have the measles, and are so much debilitated that they might never survive the severe change of climate they would be subjected to in going upon our coast. I have, therefore, released them upon their parole, and signing an oath not to serve against the government of the United States until officially notified of their exchange for other prisoners.

I am, respectfully, &c.,

GEORGE F. EMMONS,

Commander, United States Navy.

The COMMANDING OFFICER of the military forces in Florida in
rebellion against the Government of the United States of America.

[Parole.]

CEDAR KEYS, *Florida, January 16, 1862.*

I, ———, a private soldier in the service of the so-called Southern Confederacy, now in rebellion against the United States of America, do solemnly swear, in the presence of witnesses, that I will not again take up arms against the government of the United States until regularly exchanged according to the usual custom of war.

BENJAMIN ^{his} + GATLIN,

B. J. SIMMONS, ^{mark.}

J. S. POER,

JOHN CARLETON,

Late privates in Captain Hunt's Company, 4th Florida Regiment.

Witnesses: N. P. WILLARD.

FARWELL J. McGRATH.

EASTERN GULF BLOCKADING SQUADRON.

Boat expedition at Cedar keys and death of a seaman, February 24, 1862.

UNITED STATES FLAGSHIP NIAGARA,

Key West, March 11, 1862.

SIR: I regret to report the death of John B. Patterson, seaman, belonging to the United States gunboat Tahoma, who was killed by a musket-shot while en-

gaged in a boat expedition at Cedar keys. A copy of Lieutenant Commanding Howell's report to me, accompanied by a copy of the report of Lieutenant Crosman and the usual certificates of death from the surgeon of the *Tahoma*, is herewith transmitted.

I am, respectfully, your obedient servant,

WM. W. McKEAN,

Flag-Officer, Commanding Eastern Gulf Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES GUNBOAT TAHOMA,

Cedar Keys, February 27, 1862.

SIR: I have the honor to enclose the accompanying report of Lieutenant Crosman, relative to a boat expedition which left this vessel on the evening of the 24th instant. Although unsuccessful in its object, I would beg to mention (from the testimony of witnesses) Lieutenant Crosman's gallantry on the occasion. He it was who killed or wounded the man seen to fall, and when the prize capsized, he pulled back under fire, and scuttled her. Although I much regret the loss of a man, and shall not permit any more expeditions for the present, under similar circumstances, yet the expeditions have been of much service in developing the characters of men and officers, and have had a beneficial effect on the crew generally.

* * * * *

Everything is quiet about Cedar keys. I have the honor, also, to enclose herewith, the copy of the letter sent to Cedar keys under the flag of truce with the prisoners. It was omitted, by some accident, in my communication by the *Rhode Island*. Paymaster Hennessey reports that we have now two months' provision on board. I have been obliged to write hastily.

I am, sir, with much respect, your obedient servant,

J. C. HOWELL,

Lieutenant Commanding.

Flag-Officer W. W. McKEAN,

Commanding United States Blockading Squadron,

Gulf of Mexico.

UNITED STATES STEAMER TAHOMA,

Off Sea-horse Key, Florida, February 24, 1862.

SIR: I have the honor to report that yesterday, at 4.30 p. m., a boat expedition, consisting of the *Fanny*, with six men, under command of Acting Master H. A. Hurley, and the *Daisy*, myself in charge of both crews, numbering eleven men, armed with Sharp's rifles, cutlasses, and pistols, started in pursuit of a sailboat, which had been endeavoring to communicate with Depot key, from the main land, with the view, also, and principally, to cut out a schooner which was lying in the boat-channel between Cedar keys and the main. We passed, under sail, the entrance to the channel, reconnoitring closely a stockade of palmetto logs, on the north side—probably an old Indian fort—and took possession of the boat which had attracted the attention of our lookouts. The schooner—one with white mastheads—was then in sight, but on the other side of the trestle-work upon which the railway is laid connecting Cedar keys with the main land.

Darkness came on, and I had only time to scuttle a skiff which was lying at the

salt-making station, where the sail-boat was anchored, and to remove a quantity of carpenters' tools in the boat, before pulling out among the small keys of the channel, where, choosing a position beyond musket range of any clump, I anchored for the night. At daylight, the tide was ebb, and it was necessary to wait until about eight o'clock before moving. Towing the prize into the boat-channel, I pulled for the open water. The schooner had slipped her anchor during the night and was now nowhere in sight. As we came opposite the stockade at the entrance to the channel, moving very slowly at the time, against the strong flood-tide and fresh wind, a body of infantry numbering about thirty, advanced deliberately to the water's edge and fired a volley. The distance was about 150 yards.

Twenty minutes elapsed between the first and last shots, during which we managed to tow the prize clear of the keys. Mr. Hurley and myself were the only ones who returned the fire—the men being too busy, necessarily, at the oars. One man, supposed to be an officer, was seen to throw up his arms and fall. As they were in skirmishing order, it would have been useless for my men, in groups as they were, to fire; and besides, it would have involved the loss of the sloop. When beyond reach, sail was made, but the sail-boat capsized. Efforts were made, under the fire of the soldiers, who waded out toward us, to right her; but after some time spent ineffectually, I scuttled her, and made sail for the ship. One shot went through the Daisy's ensign, one struck her on the counter, and two forward. John B. Patterson, seaman, while pulling his oar, after we had gained the open water, was struck in the eye by a musket bullet and instantly killed. Two shots struck the Fanny. No one else was hurt in either boat, the shots generally being too high. All did their duty; Acting Master Hurley, Arthur Almer, sailmaker's mate, and Lewis Chester, being conspicuous.

I am, respectfully, your obedient servant,

A. F. CROSMAN,

Lieutenant, United States Navy.

Lieutenant Commanding J. C. HOWELL,

United States Steamer Tahoma, off Cedar Keys, Blockading Squadron.

Flag-Officer McKean transmits reports in reference to the evacuation of Apalachicola by the rebel forces.

UNITED STATES FLAG-SHIP NIAGARA,

Key West, April 11, 1862.

SIR: I have the honor to transmit herewith copies of reports received from Commander Stellwagen, commanding United States steamer Mercedita, in reference to the evacuation of Apalachicola by the rebel forces, and also a memorandum of conversation held by him with the inhabitants of that place.

* * * * *

I am, respectfully, your obedient servant,

WM. W. McKEAN,

Flag-Officer, Commanding Eastern Gulf Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER MERCEDITA,
Off Apalachicola City, March 25, 1862.

SIR: I have to report that in consequence of information from two intelligent contrabands, that the town had been abandoned two days after our coming in by all the soldiers, (some 650,) followed in a few days by nearly all the inhabitants, and having seen the steamboats busy on the river either re-enforcing or preparing to evacuate, I determined to send to the city and ascertain the true state of the case. The report proves strictly correct: not a soldier, a cannon, nor apparently any weapon of war remains; and persons claiming to be the influential men of the place say, emphatically, that everybody has been peremptorily ordered away by Governor Milton, of Florida; that the city is entirely at our mercy—they have no means of defence, and cannot resist one of our boats; but that no one remains having any authority to surrender the city or to ask for any terms.

There are still left parts of about a dozen white families, a few slaves, and some Spanish fishermen—altogether numbering from 500 to 600 souls—many of whom are women and children. The prominent men in the conference were strong secessionists—petty office-holders; many of the others are inclined for the Union, but are not at liberty to speak. Threats have often been made to hang or to starve them, as “damned Yankee traitors to the south.” In this category stand also many of the fishermen who have not enlisted in their army. Threats are also made to burn the whole town if they hold intercourse with us. For these considerations I have abstained from hoisting the American flag, or giving any show of reason for them to destroy the houses, or maltreat the persons remaining, under pretence of operating against us or our friends, until I shall receive your instructions, as this vessel cannot lie near enough to prevent their carrying out their inhuman threats by stealth at night.

The exodus of the poor, frightened women and children is represented by the negroes as heart-rending. Taken away at the shortest notice—in a storm; thrown ashore on the low bluffs many miles up the river, with their household goods, furniture, and everything they could snatch up in their flight, and left all night in a deluge of rain—the river rising and threatening to carry them away—with scarcely any shelter for the weak and sick—the most of them lay in the mud, almost perishing with cold, until the latter part of the next day, when they were taken away by rafts and flats over the deluged country.

The batteries at the town appear to be entirely of sand, not finished with sodding, except a small portion. The one at St. Vincent I have entirely destroyed, burning the platforms for the guns, &c. Some few soldiers are at Riccat bluffs, ninety miles up the river; the rest at Johnson's, two hundred and forty miles. At this latter place they have been five months building a fine steam gunboat, not yet planked in.

The soldiers are disheartened and dissatisfied; some 300 will leave soon, their time being up. Annexed, please find copy of orders to Lieutenant Abbot for the expedition, and his report.

Very respectfully, your obedient servant,

H. S. STELLWAGEN,
Commander.

Flag-Officer W. W. McKEAN,
Commanding Eastern Division Gulf Squadron.

UNITED STATES STEAMER MERCEDITA,
Apalachicola, March 23, 1862.

SIR: You will fit out an expedition to proceed at daylight to the city of Apalachicola, to consist of the first cutter and the whale-boat—their crews, and

such officers as may be selected, to be all well armed. On approaching the place, you will display the flag of truce, and on its being met, you will request to see the military commander and the civil authorities of the city, or the leading citizens—some of whom now there are Messrs. Dodge, Brooks, Thomas Mitchell, Reman, Porter, Benezet, Hancock, Henry R. Taylor, and Doctor Chapman. Say to them that understanding the soldiers have been withdrawn, or have evacuated the place since we came in, and being anxious to soften the evils of war as much as its due prosecution will permit, I have sent you to ask if the city *capitulated* without being subjected to damage from the fire of the guns of the large naval force in the neighborhood, which it is only reasonable it should do. Also say that any one taking the oath of allegiance to the United States government, and binding himself not to act in hostility to it or its forces, can remain securely in the town, and his property will be safe as long as he remains faithful to the oath.

Very respectfully, your obedient servant,

H. S. STELLWAGEN,
Commander.

Lieutenant T. ABBOT,
United States Navy.

UNITED STATES STEAMER MERCEDITA,
Apalachicola Bay, March 25, 1862.

SIR: In obedience to your order of the 23d instant, I proceeded, on the morning of the 24th, under a flag of truce, to the city of Apalachicola, accompanied, in the whale-boat, by Acting Master C. B. Wilder and Acting Assistant Surgeon C. H. Mason, with the first cutter, in charge of Acting Master's Mate G. A. Steino; both boats fully armed. Arriving off the city, I directed Mr. Steino to keep in sight of the whale-boat—about five hundred yards distant—prepared to come up at once, should I dip our colors twice. I then proceeded to within one hundred and fifty yards of the lower wharf, and came to an anchor, topping my oars and keeping them up, as a signal that I wished to communicate with the authorities of the place.

After remaining in that position for about half an hour, and seeing that no one showed any disposition to come off to us, I lifted the anchor and pulled in toward the lower wharf, where I found four of the inhabitants waiting to meet me—Messrs. Hancock, (mayor,) Benezet, Porter, and Miller—who represented themselves as the principal citizens of the place. I immediately made known to them the object of my mission. They informed me that the troops had been withdrawn from the city and sent up the river, with all their arms and ammunition, by order of the governor, but whether they were to return or not they could not say. They stated, also, that all the inhabitants had left, excepting themselves and a few men, women, and children; that they themselves had remained to protect their own property from incendiarism on shore; that the town was in a defenceless state, but that they had no authority to act in any disposition of it; that should the place ever be attacked, and any of their property destroyed, the confederate government would make them ample remuneration; that there was no one in the place willing, under any circumstances, to take the oath of allegiance to the United States government, excepting, perhaps, (to use their own expression,) "a few miserable foreigners." I would here state that the incendiaries spoken of by them are, in my opinion, people on shore of doubtful loyalty to the so-called confederate government. I noticed that every one in the place, except the four leading citizens, staid back a considerable distance from the wharf, which led me to believe that there are such men, and that they are closely watched.

Being convinced that I was talking to rank secessionists, and believing that any peaceable attempt on my part to ascertain the true sentiments of the people in the place would be thwarted by their leading men, I concluded to close the interview and return to the ship. We carried seven feet of water in the channel, in the strength of the stream. The fortifications are made of sand, extending in a northeasterly and southwesterly direction about five hundred yards, at equal distances from each other, the one in the centre being covered with turf; guns [said] to be mounted *en barbette*. We could not see any guns, however. I think a few heavy guns mounted on these fortifications would effectually guard the channel against any ordinary fleet.

I am, very respectfully, your obedient servant,

TREVETT ABBOT, *Lieutenant*.

Commander H. S. STELLWAGEN,

Commanding United States Steamer Mercedita.

UNITED STATES STEAMER MERCEDITA,

Off Apalachicola, April 4, 1862.

SIR: I have the honor to report the capture, without resistance, of the city of Apalachicola and all the vessels in the vicinity, by an expedition of eight armed boats from this ship and the United States gunboat Sagamore, Lieutenant Commanding A. J. Drake, on the 3d instant.

On the 30th ultimo I heard that the sloop Octavia had run into St. Joseph's bay from Havana, and sent a sail-boat, under Acting Master Wilder, to that place—thirty-five miles, *via* the "haul-over," or portage, across the narrow strip of land connecting Cape St. Blas with the mainland. It was found that she had left, but indications, from wheel-tracks, grains of spilled coffee, &c., showed she had landed her freight and carted it away. On the same day my boats chased a small sloop from Indian Pass to the city, and at night I sent the gig down thirty miles to East Pass, directing the Sagamore to join me at the earliest convenience. She arrived on the 1st, and the next day the boats were fully prepared for an armed expedition to the city and "Old Woman's bluff," seven miles up the river. The six boats started at 9 p. m., under command of Lieutenant Abbot, of this ship, and Lieutenant Bigelow, of the Sagamore, intending to pass the town in the night, and Lieutenant A. Drake and myself followed in our gigs to support them. On arriving at the city early in the morning, we found the Octavia and all the small vessels in possession of our men, and in due time the party came down the river, towing the pilot-boats Cygnet and Mary Olivia and the schooners New Islan, Floyd, and Rose; the latter loaded with cotton. A considerable time was spent in trying to get the two pilot-boats and New Islan over the bar, but without success; they grounded in seven feet of water.

Late in the afternoon I pulled in, with all the boats, to the landing-place, and had an interview with the people of the town, the details of which accompany this. I gave them up their fish-boats and two or three schooners, very old, and only fit for lighters, and told them they could fish and oyster so long as they were friendly, as I knew there was great distress for the necessities of life. After trying again to get off the three schooners, without success, I ordered them to be set on fire, which was effectually done. The sloop Octavia, and the schooner Rose, with her cotton, I determined to send to Key West for adjudication.

I think the demonstration will be very salutary for the people, and will be of service to the cause. I hope you will approve the course pursued. The men

deserve great credit. The boats were gone from twenty-four to thirty-six hours, with almost constant heavy work, which was borne very cheerfully.

Very respectfully, your obedient servant,

H. S. STELLWAGEN, *Commander.*

Flag-Officer WM. W. McKEAN,

Commanding Eastern Division Gulf Squadron.

Memorandum of an interview with the people of Apalachicola, April 3, 1862.

Late in the afternoon, I pulled into the landing-place with all the eight boats, ready for action, and was met by nearly all the population. It was really affecting to see the crowd—principally women and children, who had been told we were ruthless Hessians, bent on burning, pillage, and destruction—pressing down to see our large and well-armed force, without any fear of maltreatment; on the contrary, with every confidence in our humanity and discipline. I look on it as one of the greatest compliments that could be paid to civilization, to our honored navy, and to our sacred cause. The men, nearly all, took off their hats, and I addressed them, as follows:

“MY COUNTRYMEN, (for even you, who are engaged in this unholy, unnatural war against our government, are my fellow-countrymen,) we come not to injure the defenceless, or women and children. I like the people of the south, though I hate secession and rebellion, which have brought such calamities and misery upon all parts of our late happy land.” (Cries of “We have had no part in it!” “The innocent suffer with the guilty!”) “That is true,” I replied, “here and everywhere; it is the result, always, of civil war, and your leaders should have thought of it. I sent up, some days ago, to demand the surrender of the town, and to say that ‘all persons who would take the oath of allegiance, or bind themselves not to engage in any act of hostility against the United States government, could remain here securely, and that their property would be safe as long as they would keep faithfully their oaths.’ This kindness was met by your self-constituted authorities, Messrs. Hancock, Benezet, Porter, and Father Miller, by saying, ‘The city is defenceless, there are no soldiers nor any arms, but there is no one having authority to surrender it;’ that there was no one here who would take any oath to the United States except it might be some ‘—— foreigners;’ and as to property, if destroyed, the southern confederacy would pay all loss. Since then they have allowed the sloop Octavia to come in, and aided her in evading the blockade. We have come to show you how easily we can retaliate, but that we wish to be merciful. I know there is great distress here. (“We are almost starving,” from some of the women.) “Well, now, listen to what I have to say. I will spare all fishing and oyster boats, (Thanks! thanks!!) and you may fish and oyster in the bay in safety as long as no hostile act is committed by the town; but any direct or indirect act, such as firing on our boats, helping a vessel to run the blockade, bringing soldiers to town, or anything of the sort, will be severely punished. If your boats go near the men-of-war, they must go alongside and report themselves, and meet any boat sent to examine them.” (Answers “Yes, sir! we will.”)

Pointing to their batteries, I said: “See what protectors your soldier are; look at the fort built in the midst of your houses, so that a few shells, even from boat guns, at them, would be sure to burn your town.” (Laughter, and cries of “Oh! they’re no great soldiers; there are no engineers among them.”) “Well, I suppose you have heard that Pensacola is evacuated?” (“Yes!”) “Fernandina taken?” “Yes!” “You know of our victories at Roanoke, Spring Mills, Fort Henry, Donelson; and Columbus fallen without a blow?” (“Yes! yes!!” “Ma-

nassas taken without firing a gun?" (This appeared to surprise them.) "Nashville taken?" ("Yes," from the crowd, "and Florence, Alabama." "Well, I think secession is nearly played out." (Great clapping of hands, and cries of "God send peace may come soon.") "Now, remember, do not be led or forced into hostilities against us, unless you desire to be severely dealt with. We don't require your help, if it will get you into trouble; but do not act against us. We are strong enough; keep quiet."

I then gave them up the old lighter Floyd, and others unfit for use, and repeated permission to catch fish, &c. A man came forward, saying, "Captain, some of my boys (slaves) have gone on board your ships: will they be given up?" "No!" "Will the government pay for them?" "No! they have been used to assist in carrying soldiers and arms, in building forts and a gunboat to act against the United States. You will never get relief." Another asked, "Will the United States government oblige Florida to redeem her notes when peace comes?" "No! they were issued to carry on the war, and Florida will have no means." "Why, there's the public lands; can't we get Florida lands for our notes?" "No! the United States will take the lands and public property." "Won't you give up the pilot-boats?" "No!" "What will you do with them?" "Burn them." As I was on the point of leaving, Messrs. Benezet, Miller, and others came forward, and asked me to land and speak with them in private. I asked "if they had any authorized communication to make?" They said "No! but they wished to hear my commands." I told them "I would hold no secret conference; I had just told the people what I had to say, and they could hear it all from them." We then pulled in line past them, turned, and stood out the river, firing a shrapnel from the boat gun of the Sagamore's launch, away from the people, to show them its effect. The populace were evidently pleased with the interview, and, if free from compulsion, I am sure would be in favor of the Union. We found it impracticable to get the grounded vessels off, and I ordered the Cygnet, Mary Olivia, and the New Plan set on fire, which was effectually done, and the Rose and Octavia taken to our anchorage. The boats were gone from twenty-four to thirty-six hours. The men behaved admirably.

Very respectfully, your obedient servant,

H. S. STELLWAGEN,
Commander.

Flag-Officer W. W. McKEAN,
Commanding Eastern Division Gulf Squadron.

Flag-Officer McKean transmits report of the capture of the confederate steamer Florida.

UNITED STATES FLAG-SHIP NIAGARA,
Key West, April 24, 1862.

SIR: I have the honor to transmit herewith a copy of the report made by Acting Master Elnathan Lewis, who commanded the boat expedition from the Pursuit, which resulted in the capture of the confederate steamer Florida, and which I did not receive in time to forward by the Connecticut.

I am, respectfully, your obedient servant,

WM. W. McKEAN,
Flag-Officer, Commanding Eastern Gulf Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

STEAMER FLORIDA, PRIZE TO U. S. BARK PURSUIT,
St. Joseph's Bay, April 10, 1862.

SIR: I have to report that, in obedience to your order of the 4th instant, I proceeded with the boats under my command to St. Andrew's bay, to endeavor to capture any vessel or vessels that might be found loading or lying in that vicinity. We arrived at the mouth of the pass and landed at 12.30 a. m., and camped on the beach. Having been informed that a sloop loaded with cotton, bound to Havana, was lying five miles up Crooked Island sound, I despatched the launch, with twelve men, in charge of Sailingmaster John C. Hamlin, with orders to capture her, if possible. Mr. Hamlin proceeded up the sound and took possession of the sloop, which proved to be the sloop Lafayette, of Pensacola, which ran the blockade by East Pass, Pensacola, March 1, and had been lying there since, having abandoned his voyage. Found the captain on board, who expressed strong Union sentiments. Got sloop under way, brought her to the pass, and anchored her. We found that Captain Harrison, of the sloop, was acquainted with the bay, and volunteered his services to pilot us to the steamer Florida, then loading at head of North bay, mouth of Bear creek. At 1 p. m. started sloop, with boats in tow; at 4 p. m. passed St. Andrewstown, and proceeded up North bay until 9 p. m., when, the wind having died away, we anchored the sloop and one boat, leaving five men in charge, under the command of James H. Barry, master's mate. We then proceeded cautiously with launch, first cutter, and twenty-five men, Captain Harrison acting as pilot.

At 2 a. m. we succeeded in passing the picket guard without any alarm being given; at 3 a. m. discerned the lights of the steamer in the distance. We then lay on our oars and drifted up with the tide until we came within hail, when we were hailed by the watch, who gave the alarm. We then boarded her in both boats on both sides. We met with but little resistance, they being taken completely by surprise. On gaining the deck of the steamer, I received a pistol shot in the forehead. We then took charge of the steamer, putting the crew under guard. She proved to be the steamship Florida, loading with cotton for the purpose of running the blockade. Found the boilers empty, and immediately pumped them up, and proceeded to get the steamer in working order. Finding the engineers to be Union men, we prevailed on them to assist in getting the steamer down.

At 11 a. m. got under way and steamed slowly down the bay. After proceeding about five miles we grounded on an oyster bank. in mid-channel; used every effort to get her off, without success; lay there all night. At 9 a. m., tide veering, succeeded in getting her afloat, but had scarcely gone a mile when we grounded on another bar. Finding that I could not get her afloat, and provisions getting scarce, I held a consultation with the officers and crew, and concluded to set those on shore who did not wish to take the oath of allegiance to the United States; which we did, sending nine men and the chief engineer. I then deemed it advisable to lighten the ship, which I did by throwing overboard thirty bales of cotton, considering the ship in a critical condition. I offered to the pilot, Wm. H. Harrison, Samuel Dayton, chief mate, and Robert Davidson, first engineer, \$500 each; likewise to Henry Jones, second engineer, \$250; also to each of the greasers, \$50, to induce them to make every effort to get the boat to sea. Next morning, at 9 o'clock, got the steamer afloat and proceeded down the bay. On arriving abreast of St. Andrewstown, we found it impossible to cross the bar, owing to the heavy gale then blowing from the southwest; came to an anchor. Finding provisions getting scarce, and having previously been informed by the pilot that the two families living there were Unionists, I was induced to send the sloop Lafayette, in charge of James H. Barry, with five men and the pilot, with a flag of truce, to try and procure some. Seeing a flag of truce on shore, Mr. Barry and the pilot landed and

were met by a woman, who told them they could get provisions at another place. As they were going to the boat, an alarm was given that a body of armed men, to the number of forty or fifty, were running towards them from the woods. They jumped into the boat and made for the sloop, but had scarcely got twenty yards from shore when they were fired at by the rebels. They succeeded in getting on board the sloop; while doing which, however, another volley was fired, instantly killing Samuel Lawrence, badly wounding James Finney, and also wounding James H. Barry and the pilot. They returned the fire, and succeeded in driving them back; got sloop under way and reached the steamer. We then fired six shells into the town from our small rifled 12-pounder, which we had taken from our boat and mounted on the steamer. The gale increasing, let go the other anchor and kept ship under steam all night. At 9 a. m. Jacob F. F. Wendt accidentally shot himself in the groin. At 1 p. m. next day, wind abating, got under way and proceeded to East Pass. On reaching the pass, and finding the sea running very high on the bar, rendering it impossible to cross without great risk, came to anchor. At 8 the next morning got under way; crossed the bar and proceeded to St. Joseph's bay, arriving at 11 a. m.

In conclusion, I have to express my entire satisfaction with the conduct of the officers and men whom it was my good fortune to command. And furthermore, I wish to recommend to your notice the gallant conduct of Captain Harrison, our pilot, in bravely assisting to defend our men in the sloop against the tremendous odds opposed to them. I wish also to express my heartfelt thanks to Sailingmaster John C. Hamlin and Master's Mate James H. Barry for their conduct during the expedition.

I am, sir, very respectfully, your obedient servant,

ELNATHAN LEWIS,

Acting Master and Executive Officer.

Volunteer Lieut. CATE, *United States Bark Pursuit.*

Destruction of salt-works in Florida, October 6, 1862.

UNITED STATES GUNBOAT TAHOMA,

Cedar Keys, October 14, 1862.

SIR: I have the honor to report that I arrived at this place on the 4th of October instant, having touched at Tampa Bay and delivered the despatches with which I was charged.

I found the United States steamer Somerset at anchor off Depot key. A boat was sent me to report that in an attack on some salt-works fifteen men of the Somerset, under the executive officer, had been fired on from a house in front of which two or three women were walking, and from whose top a large white flag was flying, and seven of the fifteen wounded. The force was obliged to return without accomplishing all their work.

I determined to fit out a strong expedition; to send men enough to overcome all opposition. The rebels here needed a lesson, and they have had it.

I respectfully refer you to Lieutenant Commanding Crosman's report for particulars. In the two expeditions between fifty and sixty boilers were destroyed; the houses were burned on account of the treacherous use made of one of them on October 4.

Credit is due to Lieutenant Commanding Crosman, in charge of the combined expedition, and to Acting Master Dennison, executive officer of the Somerset, in charge of the Somerset's boats, and to the officers and men of both vessels, for the successful issue. A large amount of property was destroyed, and not a

man was injured on our side. It is said that the salt-works destroyed were capable of making one hundred and fifty bushels of salt per diem.

I am, very respectfully, your obedient servant,

J. C. HOWELL,
Commander, United States Navy.

Rear Admiral J. L. LARDNER,
Commanding United States Squadron, Key West, &c.

UNITED STATES GUNBOAT TAHOMA,
Off Sea-horse Key, October 8, 1862.

SIR: I have the honor to report that on the morning of the 6th instant an expedition left the harbor for the purpose of demolishing some salt-works of the rebels upon the main land. The expedition consisted of four boats from this ship and four from the United States steamer Somerset, numbering in all one hundred and eleven men. Two of the boats had howitzers.

Twenty or thirty armed guerillas were put to flight by the shell, shrapnel, and canister, with which the houses, woods, and underbrush were searched; then the small-arm men landed, deployed as skirmishers on each flank of the guns, and the working parties destroyed the boilers, which were of various shapes and curious construction. The houses in the immediate vicinity were fired, and the boats proceeded to the next station. Here the boats covered the working parties, and no small-arm men were needed. It was necessary to put howitzer shell through two very thick cast-iron and two strong wrought-iron boilers; the buildings were then burned. Just after leaving this latter place the cars came in and probably brought a re-enforcement, as people on shore yelled and shouted and fired some twenty shots at the boats. From the sound, I judge them to be Minie or Enfield rifle bullets. None of them, however, struck any of the men, nor would they have done any harm, as the distance was too great.

The expedition was entirely successful—destroyed some twenty boilers, burned to the ground all the buildings within reach, besides two upon Way key; no confusion was exhibited in landing, nor was there any departure from the instructions given prior to it; no useless expenditure of ammunition, and no one hurt.

I am, very respectfully, your obedient servant,

A. F. CROSMAN,
Lieutenant Commander, in Command of the Expedition.
Commander J. C. HOWELL,
Commanding United States Gunboat Tahoma,
Cedar Keys, Florida.

UNITED STATES GUNBOAT SOMERSET,
Cedar Keys, October 7, 1862.

SIR: I have the honor to make the following report:

Having received reliable information that most all the rebel troops stationed at No. 4 (the present terminus of the Fernandina railroad) had been sent away, and knowing they had very extensive salt-works there, I felt it my duty to destroy them, if possible. Accordingly, on the morning of the 4th instant, I took position with this vessel, as close as the draught of water would admit, threw some dozen shells, when they hoisted the white flag. Despatched the

boats in charge of Acting Master Dennison, with instructions to destroy all the salt-works that could be found. He had succeeded in demolishing quite a number without any resistance. Upon arriving at the place where the white flag was flying, he found the works to be very large. Seeing several women at the house, he could not fire. No sooner, however, had his men got out of the boats to destroy the works than they were fired upon by some twenty-five persons concealed in the rear. He returned the fire, killing and wounding several.

The party that had been sent with the howitzer, not being able to get up from the tide's falling, I recalled them. They destroyed several barrels of salt, a number of boats, and captured one launch and a large flat.

The conduct of the officers and crew was all that could be desired.

On the morning of the 6th, the Tahoma having arrived, a much larger expedition was fitted out, which proved perfectly successful, without meeting with much resistance.

The whole number of salt-boilers destroyed in the two days by the two parties was between fifty and sixty, some of them making as high as five bushels per day; and from all the information I can obtain from contrabands, they were making at least one hundred and fifty bushels every twenty-four hours, working night and day.

Enclosed I send the report of the surgeon of the casualties of the fourth.

I am, very respectfully, your obedient servant,

EARL ENGLISH,
Lieutenant Commander.

Acting Rear Admiral JAMES L. LARDNER,
Commanding Eastern Gulf Blockading Squadron.

UNITED STATES STEAMER SOMERSET,
Off Cedar Keys, Florida, October 4, 1862.

SIR: I have to report the following casualties in the action of to-day, in the destruction of the salt-works at Station No. 4.

Killed.—None.

Wounded dangerously.—Henry Everett, captain of after-guard, wounded in four places with buckshot, one entering the abdomen below the umbilicus, one passing through the left thigh, one lodging in the left ankle, and one in the right arm; Randolph Cooke, seaman, wounded in the throat, a shot passing through the larynx and œsophagus into the left side of the neck.—2.

Wounded severely.—James O'Niell, seaman, wounded in four places with buckshot, two passing through the left thigh, one through the left arm near the wrist, and one striking the chest without penetrating; Willis H. Hines, seaman, gunshot wound of the left arm, a musket ball passing through the deltoid muscle; John Willard, seaman, gunshot wound of the right arm, a buckshot passing through the forearm, between radius and ulna; Thomas Wilson, 1st ordinary seaman, gunshot wound of the left arm, a buckshot passing nearly through the deltoid muscle.—4.

Wounded slightly.—William E. Dennison, acting master and executive officer, struck on the right hip by a spent ball; Frederick Block, struck on the forehead by a spent buckshot.—2.

Very respectfully, your obedient servant,

S. J. DRAPER,
Acting Assistant Surgeon.

Lieutenant Commander EARL ENGLISH,
United States Navy.

CAPTURE OF NEW ORLEANS.

Captain D. G. Farragut sailed from Hampton roads, in the United States steamer Hartford, on the 3d day of February, 1862, to assume the duties of flag-officer of the Western Gulf blockading squadron. In addition to the ordinary blockading duties, he was specially charged with the reduction of the defences guarding the approaches to New Orleans, and the taking possession of that city, as will be seen by the following extracts from his confidential instructions :

NAVY DEPARTMENT, *January 20, 1862.*

SIR : When the Hartford is in all respects ready for sea you will proceed to the Gulf of Mexico, with all possible despatch, and communicate with Flag-Officer W. W. McKean, who is directed by the enclosed despatch to transfer to you the command of the Western Gulf blockading squadron. * * * *

* * There will be attached to your squadron a fleet of bomb-vessels, and armed steamers enough to manage them, all under command of Commander D. D. Porter, who will be directed to report to you. As fast as these vessels are got ready they will be sent to Key West to await the arrival of all, and the commanding officers, who will be permitted to organize and practice with them at that port.

When these formidable mortars arrive, and you are completely ready, you will collect such vessels as can be spared from the blockade and proceed up the Mississippi river, and reduce the defences which guard the approaches to New Orleans, when you will appear off that city and take possession of it under the guns of your squadron, and hoist the American flag therein, keeping possession until troops can be sent to you. If the Mississippi expedition from Cairo shall not have descended the river, you will take advantage of the panic to push a strong force up the river to take all their defences in the rear. As you have expressed yourself perfectly satisfied with the force given to you, and as many more powerful vessels will be added before you can commence operations, the department and the country will require of you success. * * * * There are other operations, of minor importance, which will commend themselves to your judgment and skill, but which must not be allowed to interfere with the great object in view—the certain capture of the city of New Orleans.

Destroy the armed barriers which these deluded people have raised up against the power of the United States government, and shoot down those who war against the Union; but cultivate with cordiality the first returning reason, which is sure to follow your success.

Respectfully, &c.,

GIDEON WELLES.

Flag-Officer D. G. FARRAGUT,

Appointed to command Western Gulf Blockading Squadron.

On the 10th of February the flag-officer was again confidentially addressed, as follows :

NAVY DEPARTMENT, *February 10, 1862.*

SIR : I enclose to you herewith sketches from the United States Engineer bureau relative to the works on the Mississippi river; also a memorandum prepared by General Barnard, United States army, who constructed Fort St. Philip. The most important operation of the war is confided to yourself and your brave

associates, and every light possible to obtain should be carefully considered before putting into operation the plan which your judgment dictates.

It is reported that nineteen feet of water can be carried over the bar. If this be true, the frigate *Mississippi* can be got over without much difficulty. The *Colorado* draws about twenty-two feet; she lightens one inch to twenty-four tons; her keel is about two feet deep. The frigate *Wabash*, when in New York, in 1858, drew, without her spar-deck guns, stores, water-casks, tanks, and coal, (excepting thirty tons,) aft, twenty feet four inches; forward, sixteen feet; or, on an even keel, eighteen feet four inches. This would indicate a very easy passage for this noble vessel; and if it be *possible* to get these two steamers over, and perhaps a sailing vessel also, you will take care to use every exertion to do so. The powerful tugs in the bomb flotilla will afford the necessary pulling power. The tops of these large steamers are from thirty to fifty feet above the fort, and command the parapets and interior completely with howitzers and musketry. The *Wachusett*, at Boston; the *Oneida*, Richmond, *Varuna*, and *Dakota*, at New York; and the *Iroquois*, from the West Indies, are ordered to report to you, with all practicable despatch, and every gunboat which can be got ready in time will have the same orders. All of the bomb-vessels have sailed, and the steamers to accompany them are being prepared with great despatch. It is believed the last will be off by the 16th instant.

Eighteen thousand men are being sent to the Gulf to co-operate in the movements which will give to the arms of the United States full possession of the ports within the limits of your command. You will, however, carry out your instructions with regard to the *Mississippi* and *Mobile* without any delay beyond that imposed upon you by your own careful preparation. A division from Ship island will probably be ready to occupy the forts that will fall into your hands. The department relies upon your skill to give direction to the powerful force placed at your disposal, and upon your personal character to infuse a hearty co-operation amongst your officers, free from unworthy jealousies. If successful, you open the way to the sea for the great west, never again to be closed. The rebellion will be riven in the centre, and the flag to which you have been so faithful will recover its supremacy in every State.

Very respectfully, &c.,

GIDEON WELLES.

Flag-Officer D. G. FARRAGUT, U. S. N.,

Com'g Western Gulf Blockading Squadron, Ship Island.

Captain Farragut arrived at Ship island on the 20th of February, having been detained some time at Key West. He immediately commenced arranging his squadron with a view to the accomplishment of the special duty assigned him. The difficulties encountered in getting the larger vessels over the bar were greater than was anticipated. On the 12th March the flag-officer wrote as follows:

UNITED STATES STEAMER HARTFORD,

Southwest Pass, March 14, 1862.

SIR: I herewith enclose the views of Captain Bailey, who, like myself, thinks it impossible to get the *Colorado* over the bar of the *Mississippi*. I have also been working hard at Pass à l'Outre with a good pilot, trying to get the *Brooklyn* over that bar, and, after getting her off on the 11th, I gave it up, as we could not get more than twelve feet at the shoalest pass. I then came down to this pass with her, where Mr. Halter, our Coast Survey assistant, had examined and ably buoyed the bar; and I am happy to say the *Brooklyn* passed over, only grounding once, but got off in less than an hour. She drew at the time

fifteen feet water. Captain Craven has been unremitting in his exertions to get his ship over the bar, but we have not found the water formerly carried over these bars; no doubt for the reason that the daily passing of large ships kept the channel open. It does not appear to be the opinion of either Mr. Halter (Coast Survey assistant) or the pilots that the Colorado can possibly pass the bar, and it is very doubtful if the Mississippi will be gotten over; but we will soon be able to decide by actual trial. I now have at the head of the passes the following forces: Brooklyn and three gunboats. All intercourse is stopped between the city and bar. * * * *

Captain Bell has just returned from a reconnoissance of the river up as high as within about five miles of the forts, where he saw and chased up two steamers above the forts, where four more steamers and six schooners were lying. Our flag is now, I hope, permanently hoisted on Louisiana soil.

Very respectfully, &c.,

D. G. FARRAGUT,

Flag Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

On the 18th of March the flag-officer writes as follows:

UNITED STATES STEAMER COLORADO,

Ship Island, March 18, 1862.

SIR: I regret to state that, after learning the state of the bars at the mouths of the Mississippi, it has been deemed perfectly impracticable to get the Colorado over either of them, and the idea has therefore been abandoned. * * *

We have had great difficulty in reducing the draught of the steamers Pensacola and Mississippi sufficiently to get them over. The latter will be taken to the bar with nothing in her but sufficient coal to accomplish that object, and will then have to be pulled through at least one foot of mud by the tugs. Captain Porter's tug-boats Clinton and Westfield arrived to-night, very much to our relief, as we had feared for their safety. * * *

As Captain Porter has arrived with his mortar fleet, I shall push things forward with all possible despatch. Two of the large ships now occupy the head of the passes, with four gunboats, and I shall take the remaining three down with me when I leave this place, which will be in a day or two.

My presence here has been made necessary to attend to some of the details of the squadron. Preparations have been materially retarded in this quarter by the continuance of heavy winds ever since this month set in; but be assured that every exertion will be made to expedite our work.

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

On the 28th of March Fleet Captain H. H. Bell made a reconnoissance of Mississippi river from the head of the passes to the forts. The following is his report:

UNITED STATES SHIP HARTFORD,

Head of Passes, Mississippi, March 28, 1862.

SIR: I proceeded to-day, in the Kennebec, accompanied by the Wissahickon, to examine the river and the forts at the bend. The left or east bank, all the way up, is quite clear of trees and bushes; no houses appear before the salt-works are approached, and these are abandoned except by one family. The right or west bank is better wooded, and quite thickly, for four miles below

Fort Jackson. A few dilapidated houses and some cattle were observed also, on both banks, from the salt-works up to the forts.

No steamer appeared in view until the forts became visible. Shortly after the Star ran out a little distance below the boom, but speedily retreated above it again, passing up close to the Jackson bank. One 20-pounder rifle was fired at her, but fell very short; she seems to carry no cotton now. I approached the forts at extreme range of their guns, keeping on the left or east bank of the river. Four guns from Jackson and two from St. Philip opened fire upon us, throwing shells which exploded by concussion, very few of them failing. The two guns from St. Philip reached as far down the river as any from Jackson. The trees and bushes on the right or west bank were cleared away from Jackson to the extreme range of their guns down the river.

On the bend below Jackson a point makes out, upon which there is something like a round fort; and I thought I observed there three embrasures, but no guns. Between this point and Jackson, apparently under the guns of the exterior work, is the starting-point of the boom or obstruction, consisting of a raft of logs and eight hulks moored abreast, from fifty to eighty yards apart, and extending across the river to about half a mile below St. Philip; the raft lies between the bank on the Jackson side and the hulks. On shore, near the raft, are two structures which I inferred were windlasses for tautening the cable; here the steamers pass through. I could discern nothing extending from hulk to hulk, nor anything like fire-rafts. Observed at the forts two steamers with steam up, two barks, and a schooner. One of the boom hulks, second from the left bank, (east,) had one mast standing; the masts were out of all the others. The two forts fired from twenty to twenty-five shots at us, well directed, some of them falling within half a cable's length of us. I observed them about half an hour, and then turned down the river without firing at them, the range of our guns being no better than theirs.

I am, respectfully,

H. H. BELL,

Fleet-Captain, Western Gulf Blockading Squadron.

Flag-Officer D. G. FARRAGUT,

United States Western Gulf Blockading Squadron.

On the 8th of April Flag-Officer Farragut informs the department that the Mississippi and Pensacola are over the bar, and that his preparations for the special work on hand are nearly completed. His despatch is as follows:

UNITED STATES FLAG-SHIP HARTFORD,
Mississippi River, Head of Passes, April 8, 1862.

SIR: I am happy to be able to announce to the department, at last, that the Mississippi and Pensacola are over the bar, and are now preparing for their work up the river. The bomb flotilla are moving up to be in readiness to take their positions. General Butler paid me a visit last evening from Ship island, and offered me coal to facilitate my movements, and I now find that our own vessels are beginning to arrive, so that my alarms on that account are dispelled, and so soon as the vessels can coal and get their stores and munitions of war on board we will be ready to proceed up the river. * * * *

I have taken good houses at Pilot Town for hospital purposes, and installed temporarily Surgeon Wales, of the Colorado, as hospital surgeon, and ordered Assistant Surgeon Burbank, from the Santee, to assist him.

Very respectfully, &c.,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

The following instructions were given by the flag-officer to the commanders of the vessels in the squadron :

GENERAL ORDERS.

You will prepare your ship for service in the Mississippi river in the following manner :

Send down the top-gallant masts. Rig in the flying jib-boom, and land all the spars and rigging, except what are necessary for the three topsails, foresail, jib, and spanker. Trice up to the topmast stays or land the whiskers, and bring all the rigging into the bowsprit, so that there shall be nothing in the range of the direct fire ahead.

Make arrangements, if possible, to mount one or two guns on the poop and top-gallant forecastle; in other words, be prepared to use as many guns as possible head and astern, to protect yourself against the enemy's gunboats and batt bearing in mind that you will always have to ride head to the current, and can only avail yourself of the sheer of the helm to point a broadside gun more than three points forward of the beam.

Have a kedge in the mizzen chains (or any convenient place) on the quarter, with a hawser bent and leading through in the stern chock, ready for any emergency; also grapnels in the boats, ready to hook on to, and to tow off, fire-ships. Trim your vessel a few inches by the head, so that if she touches the bottom she will not swing head down the river. Put your boat howitzers in the fore-maintops, on the boat carriages, and secure them for firing abeam, &c. Should any injury occur to the machinery of the ship, making it necessary to drop down the river, you will back and fill down under sail, or you can drop your anchor and drift down, but in no case attempt to turn the ship's head down stream. You will have a spare hawser ready, and when ordered to take in tow your next astern do so, keeping the hawser slack so long as the ship can maintain her own position, having a care not to foul the propeller.

No vessel must withdraw from battle, under any circumstances, without the consent of the flag-officer. You will see that force and other pumps and engine hose are in good order, and men stationed by them, and your men will be drilled to the extinguishing of fire.

Have light Jacob-ladders made to throw over the side for the use of the carpenters in stopping shot holes, who are to be supplied with pieces of inch board lined with felt and ordinary nails, and see that the ports are marked in accordance with the "ordnance instructions" on the berth deck, to show the locality of the shot hole.

Have many tubs of water about the decks, both for the purpose of extinguishing fire and for drinking. Have a heavy kedge in the port main-chains, and a whip on the main yard, ready to run it up and let fall on the deck of any vessel you may run alongside of, in order to secure her for boarding.

You will be careful to have lanyards on the lever of the screw so as to secure the gun at the proper elevation, and prevent it from running down at *each fire*. I wish you to understand that the day is at hand when you will be called upon to meet the enemy in the worst form for our profession. You must be prepared to execute all those duties to which you have been so long trained in the navy without having the opportunity of practicing. I expect every vessel's crew to be well exercised at their guns, because it is required by the regulations of the service, and it is usually the first object of our attention; but they must be equally well trained for stopping *shot holes* and extinguishing fire. Hot and cold shot will, no doubt, be freely dealt to us, and there must be stout hearts and quick hands to extinguish the one and stop the holes of the other.

I shall expect the most prompt attention to signals and verbal orders, either

from myself or the captain of the fleet, who, it will be understood, in all cases acts by my authority.

D. G. FARRAGUT,
Flag-Officer, Western Gulf Blockading Squadron.

Commencement and progress of the bombardment of Fort Jackson.

UNITED STATES FLAG-SHIP HARTFORD,
Mississippi River, April 2, 1862.

SIR: We commenced the bombardment of Fort Jackson on the 16th, which was the earliest day possible after the arrival of coal. On the first day the citadel was set on fire, and burnt until two o'clock the next morning. On the 17th we made but little apparent impression on the fort.

On the 18th we dismounted one of their heavy columbiads, and otherwise appeared to damage them, and drove the men from the parapet guns, so that they only appeared occasionally when the gunboats took part in the bombardment to draw the fire from the bomb-vessels. On the 19th a deserter came to us from the fort, and gave the information that I have stated above, and much other information in relation to the armament of the forts and their general condition.

The wind was blowing from the northwest, and chilly, the current running with great strength, so that the ships, when under way, could scarcely stem it, so that I shall await a change of wind and a consequent less violent current before I attack the forts, as I find great difficulty in avoiding collisions among the vessels. Two of the gunboats, Katahdin and Sciota, have been seriously damaged by getting across-hawse of the ships and running into each other. We lose a great many anchors and cables, and those articles are very much wanted in the squadron. The Hartford is almost the only ship that has not lost both.

On the first day's fire of the enemy they put a shot through one of the mortar vessels and killed one man, but did not destroy her efficiency. The second day they sunk one with a rifle shot, but hurt no one materially. They have sent down five fire-rafts; none produced any effect on the fleet except the last, which only caused the collision of the Sciota and Kineo, both of which vessels dragged across the bows of the Mississippi, and carried away the mainmast of the first, and damaged them both very much otherwise; but the raft was turned clear of all the vessels of the fleet, but as the wind and strong current were peculiarly favorable, it gave us more trouble than on any former occasion.

I sent up Commander Bell last evening to destroy the chain and raft across the river, but the current was so strong that he could accomplish but little, in consequence of one of his gunboats getting on shore, and she was only saved by great exertion, as the enemy were firing on them all the time.

Commander Porter, however, kept up such a tremendous fire on them from the mortars that the enemy's shot did the gunboats no injury, and the cable was separated and their connexion broken sufficiently to pass through on the left bank of the river. The petard operator failed to fire his petards, owing to the breaking of his wires, which prevented the full destruction of the chain and the vessels; but great allowance is to be made for the violence of the current, which exceeds anything we have had to contend with since our arrival in the river.

In conclusion, I regret to say that the fleet is in want of all the essentials to carry on our work—shells, fuzes, (15" and 20",) serge and yarn, to make car-

tridge-bags, grape and cannister shot—for all of which I made large requisitions, and the articles may be on their way out.*

The medical department is miserably supplied for the care of the wounded. General Butler has offered to share with us, in fact, everything he has, which will supply many of our wants; but justice to myself requires me to say that I required all these supplies some time before I left Hampton roads, and others immediately on my arrival at Key West or Ship island, and I suppose accidental causes have stopped them on their way out here.*

My coal arrived just in time.

All of which is respectfully submitted by your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Attack on Forts Jackson and St. Philip.

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off New Orleans, April 25, 1862.

SIR: I have the honor to inform the department that on the 24th instant, at about half-past 3 a. m., I attacked Fort St. Philip and Fort Jackson with my little fleet, while Commander Porter most gallantly bombarded them, and, besides, took them in the flank with his steamers, aided by the Portsmouth. Such a fire, I imagine, the world has rarely seen, but, thank God, we got past the forts with a loss of only twenty-four killed and eighty-six wounded; but as I have not heard what became of the three gunboats Kennebec, Itasca, and Winona, I fear they were lost in passing, and the Varuna was run into by two of the rebel steamers, and finally sunk. I took (and burnt) eleven steam gunboats, and two hundred troops or upwards. I then pushed up for the city of New Orleans, leaving two gunboats to aid General Butler in landing at the quarantine, and sent him a communication by Commander Boggs, requesting him to come up at once. I came up to within six or seven miles of the city, when two forts opened on us, but we silenced them in fifteen or twenty minutes, although it was warm work while it lasted. I have not yet heard of the killed and wounded. We only lost one man, and none wounded, although Captain Bailey, in the Cayuga, with Lieutenant Commanding Harrison, and this ship, stood the first brunt of the action, before the other vessels could get up. We drove them from their guns, and passed up to the city in fine style, and I now send this notice of our having taken possession of the city at meridian or a few minutes p. m.

But I must say I never witnessed such vandalism in my life as the destruction of property; all the shipping, steamboats, &c., were set on fire and consumed. The new iron-clad ram, just finished, but without her machinery, went floating by us. While I am finishing this report, Captain Bailey has been sent to demand the surrender of the city to me in the name of the United States.

I shall now send down with this letter Commander Smith, in the Mississippi, to look after General Butler, and a ram, which it appears we left behind at Fort Jackson, as it might be more than a match for the two gunboats I left behind.

* The ordnance and hospital stores were shipped on the United States steamer Kensington, which was prevented by bad weather, breaking of machinery, and other causes from reaching her destination as early as designed. She arrived, however, in season

In conclusion, I hope I have done all I proposed to do, which was, to take the city of New Orleans; and I will now, in conjunction with the army, General Butler, reduce the forts, and take care of the outlet from the west, and purpose immediately to ascend to meet Flag-Officer Foote.

The conduct of the officers and men has been such as to command my highest admiration, and shall hereafter be a subject of more special commendation.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Announcement of the capture of Forts Jackson and St. Philip and surrender of New Orleans.

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off the City of New Orleans, April 29, 1862.

SIR: I am happy to announce to you that our flag waves over both Forts Jackson and St. Philip, and at New Orleans over the custom-house. I am taking every means to secure the occupation by General Butler of all the forts along the coast. Berwick's bay and Fort Pike have been abandoned; in fact, there is a general stampede, and I shall endeavor to follow it up. * * * *

I am bringing up the troops as fast as possible. We have destroyed all the forts above the city, four in number, which are understood to be all the impediments between this and Memphis.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Flag-Officer Farragut's detailed report of the battles of the Mississippi.

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off the City of New Orleans, May 6, 1862.

SIR: I have the honor herewith to forward my report, in detail, of the battle of New Orleans. On the 23d of March I made all my arrangements for the attack on, and passage of, Forts Jackson and St. Philip.

Every vessel was as well prepared as the ingenuity of her commander and officers could suggest, both for the preservation of life and of the vessel, and, perhaps, there is not on record such a display of ingenuity as has been evinced in this little squadron. The first was by the engineer of the Richmond, Mr. Moore, by suggesting that the sheet cables be stopped up and down on the sides in the line of the engines, which was immediately adopted by all the vessels. Then each commander made his own arrangements for stopping the shot from penetrating the boilers or machinery that might come in forward or abaft, by hammocks, coal, bags of ashes, bags of sand, clothes bags, and, in fact, every device imaginable. The bulwarks were lined with hammocks by some, by splinter nettings made with ropes by others. Some rubbed their vessels over

with mud, to make their ships less visible, and some whitewashed their decks, to make things more visible by night during the fight, all of which you will find mentioned in the reports of the commanders. In the afternoon I visited each ship, in order to know positively that each commander understood my orders for the attack, and to see that all was in readiness. I had looked to their efficiency before. Every one appeared to understand their orders well, and looked forward to the conflict with firmness, but with anxiety, as it was to be in the night, or at 2 o'clock a. m.

I had previously sent Captain Bell, with the petard man, with Lieutenant Commanding Crosby, in the Pinola, and Lieutenant Commanding Caldwell, in the Itasca, to break the chain which crossed the river, and was supported by eight hulks, which were strongly moored. This duty was not thoroughly performed, in consequence of the failure to ignite the petards with the galvanic battery, and the great strength of the current. Still it was a success, and, under the circumstances, a highly meritorious one.

The vessel boarded by Lieutenant Commanding Caldwell appears to have had her chains so secured that they could be cast loose, which was done by that officer, and thereby making an opening sufficiently large for the ships to pass through. It was all done under a heavy fire and at a great hazard to the vessel, for the particulars of which I refer you to Captain Bell's report, (marked A.) Upon the night preceding the attack, however, I despatched Lieutenant Commanding Caldwell to make an examination, and to see that the passage was still clear, and to make me a signal to that effect, which he did at an early hour. The enemy commenced sending down fire-rafts and lighting their fires on the shore opposite the chain about the same time, which drew their fire on Lieutenant Commanding Caldwell, but without injury. At about five minutes of two o'clock a. m., April 24, signal was made to get under way, (two ordinary red lights, so as not to attract the attention of the enemy,) but owing to the great difficulty in purchasing their anchors, the Pensacola and some of the other vessels were not under way until half-past three. We then advanced in two columns, Captain Bailey leading the right in the gunboat Cayuga, Lieutenant Commanding Harrison, he having been assigned to the first division of gunboats, which was to attack Fort St. Philip, in conjunction with the second division of ships, and the Hartford, the left; Fleet-Captain Bell leading the second division of gunboats in the Sciota; Lieutenant Commanding Donaldson to assist the first division of ships to attack Fort Jackson, as will be shown by the general order and diagram sent herewith. The enemy's lights, while they discovered us to them, were, at the same time, guides to us. We soon passed the barrier chains, the right column taking Fort St. Philip, and the left Fort Jackson. The fire became general, the smoke dense, and we had nothing to aim at but the flash of their guns; it was very difficult to distinguish friends from foes. Captain Porter had, by arrangement, moved up to a certain point on the Fort Jackson side with his gunboats, and I had assigned the same post to Captain Swartwout, in the Portsmouth, to engage the water batteries to the southward and eastward of Fort Jackson, while his mortar vessels poured a terrific fire of shells into it. I discovered a fire-raft coming down upon us, and in attempting to avoid it ran the ship on shore, and the ram Manassas, which I had not seen, lay on the opposite of it, and pushed it down upon us. Our ship was soon on fire half-way up to her tops, but we backed off, and through the good organization of our fire department, and the great exertions of Captain Wainwright and his first lieutenant, officers, and crew, the fire was extinguished. In the meantime our battery was never silent, but poured in its missiles of death into Fort St. Philip, opposite to which he had got by this time, and it was silenced, with the exception of a gun now and then. By this time the enemy's gunboats, some thirteen in number, besides two iron-clad rams, the Manassas and Louisiana, had become more visible. We took them in hand, and, in the course

of a short time, destroyed eleven of them. We were now fairly past the forts and the victory was ours, but still here and there a gunboat making resistance. Two of them had attacked the *Varuna*, which vessel, by her greater speed, was much in advance of us; they ran into her and caused her to sink, but not before she had destroyed her adversaries, and their wrecks now lie side by side, a monument to the gallantry of Captain Boggs, his officers, and crew. It was a kind of guerilla; they were fighting in all directions. Captains Bailey and Bell, who were in command of the first and second divisions of gunboats, were as active in rendering assistance in every direction as lay in their power. Just as the scene appeared to be closing, the ram *Manassas* was seen coming up under full speed to attack us. I directed Captain Smith, in the *Mississippi*, to turn and run her down; the order was instantly obeyed, by the *Mississippi* turning and going at her at full speed. Just as we expected to see the ram annihilated, when within fifty yards of each other, she put her helm hard aport, dodged the *Mississippi*, and ran ashore. The *Mississippi* poured two broadsides into her, and sent her drifting down the river a total wreck. Thus closed our morning's fight.

The department will perceive that after the organization and arrangements had been made, and we had fairly entered into the fight, the density of the smoke from guns and fire-rafts, the scenes passing on board our own ship and around us, (for it was as if the artillery of heaven were playing upon the earth,) that it was impossible for the flag-officer to see how each vessel was conducting itself, and can only judge by the final results and their special reports, which are herewith enclosed; but I feel that I can say with truth that it has rarely been the lot of a commander to be supported by officers of more indomitable courage or higher professional merit.

Captain Bailey, who had preceded me up to the quarantine station, had captured the *Chalmette* regiment, Colonel Szymanski; and not knowing what to do with them, as every moment was a great loss to me, I paroled both officers and men, and took away all their arms, munitions of war, and public property, and ordered them to remain where they were until the next day. I sent some of the gunboats to precede me up the river, to cut the telegraph wires in different places.

It now became me to look around for my little fleet, and to my regret I found that three were missing—the *Itasca*, *Winona*, and *Kennebec*. Various were the speculations as to their fate, whether they had been sunk on the passage or had put back. I therefore determined immediately to send Captain Boggs, whose vessel was now sunk, through the Quarantine bayou, around to Commander Porter, telling him of our safe arrival, and to demand the surrender of the forts, and to endeavor to get some tidings of the missing vessels. I also sent a despatch by him to General Butler, informing him that the way was clear for him to land his forces through the Quarantine bayou, in accordance with previous arrangements, and that I should leave gunboats there to protect him against the enemy, who I now perceived had three or four gunboats left at the forts—the *Louisiana*, an iron-clad battery of 16 guns; the *McCrea*, very similar in appearance to one of our gunboats, and armed very much in the same way; the *Defiance*, and a river steamer transport.

We then proceeded up to New Orleans, leaving the *Wissahicon* and *Kineo* to protect the landing of the general's troops. Owing to the slowness of some of the vessels, and our want of knowledge of the river, we did not reach the English Turn until about 10.30 a. m. on the 25th; but all the morning I had seen abundant evidence of the panic which had seized the people in New Orleans. Cotton-loaded ships on fire came floating down, and working implements of every kind, such as are used in ship-yards. The destruction of property was awful. We soon descried the new earthwork forts on the old lines on both shores. We now formed and advanced in the same order, two lines, each line

taking its respective work. Captain Bailey was still far in advance, not having noticed my signal for close order, which was to enable the slow vessels to come up. They opened on him a galling fire, which caused us to run up to his rescue; this gave them the advantage of a raking fire on us for upwards of a mile with some twenty guns, while we had but two 9-inch guns on our forecastle to reply to them. It was not long, however, before we were enabled to bear away and give the forts a broadside of shells, shrapnell, and grape, the Pensacola at the same time passing up and giving a tremendous broadside of the same kind to the starboard fort; and by the time we could reload, the Brooklyn, Captain Craven, passed handsomely between us and the battery and delivered her broadside, and shut us out. By this time the other vessels had gotten up, and ranged in one after another, delivering their broadsides in spiteful revenge for their ill-treatment of the little Cayuga. The forts were silenced, and those who could run were running in every direction. We now passed up to the city and anchored immediately in front of it, and I sent Captain Bailey on shore to demand the surrender of it from the authorities, to which the mayor replied that the city was under martial law, and that he had no authority. General Lovell, who was present, stated that he should deliver up nothing, but in order to free the city from embarrassment he would restore the city authorities, and retire with his troops, which he did. The correspondence with the city authorities and myself is herewith annexed. I then seized all the steamboats and sent them down to quarantine for General Butler's forces. Among the number of these boats is the famous Tennessee, which our blockaders have been so long watching, but which, you will perceive, never got out.

The levee of New Orleans was one scene of desolation. Ships, steamers, cotton, coal, &c., were all in one common blaze, and our ingenuity was much taxed to avoid the floating conflagration.

I neglected to mention my having good information respecting the iron-clad rams which they were building. I sent Captain Lee up to seize the principal one, the Mississippi, which was to be the terror of these seas, and no doubt would have been to a great extent; but she soon came floating by us all in flames, and passed down the river. Another was sunk immediately in front of the custom-house; others were building in Algiers, just begun.

I next went above the city eight miles, to Carrollton, where I learned there were two other forts, but the panic had gone before me. I found the guns spiked, and the gun-carriages in flames. The first work, on the right, reaches from the Mississippi nearly over to Pontchartrain, and has 29 guns; the one on the left had six guns, from which Commander Lee took some fifty barrels of powder, and completed the destruction of the gun-carriages, &c. A mile higher up there were two other earthworks, but not yet armed.

We discovered here, fastened to the right bank of the river, one of the most herculean labors I have ever seen—a raft and chain to extend across the river to prevent Foote's gunboats from descending. It is formed by placing three immense logs of not less than three or four feet in diameter and some thirty feet long; to the centre one or two inch chain is attached, running lengthwise the raft, and the three logs and chain are then frapped together by chains from one-half to one inch, three or four layers, and there are 96 of these lengths composing the raft; it is at least three-quarters of a mile long.

On the evening of the 29th Captain Bailey arrived from below, with the gratifying intelligence that the forts had surrendered to Commander Porter, and had delivered up all public property, and were being paroled, and that the navy had been made to surrender unconditionally, as they had conducted themselves with bad faith, burning and sinking their vessels while a flag of truce was flying, and the forts negotiating for their surrender, and the Louisiana, their great iron-clad battery, blown up almost alongside of the vessel where they were negotiating;

hence their officers were not paroled, but sent home to be treated according to the judgment of the government.

General Butler came up the same day, and arrangements were made for bringing up his troops.

I sent on shore and hoisted the American flag on the custom-house, and hauled down the Louisiana State flag from the city hall, as the mayor had avowed that there was no man in New Orleans who dared to haul it down; and my own convictions are that if such an individual could have been found he would have been assassinated.

Thus, sir, I have endeavored to give you an account of my attack upon New Orleans from our first movement to the surrender of the city to General Butler, whose troops are now in full occupation, protected, however, by the Pensacola, Portsmouth, and one gunboat, while I have sent a force of seven vessels, under command of Captain Craven, up the river, to keep up the panic as far as possible. The large ships, I fear, will not be able to go higher than Baton Rouge, while I have sent the smaller vessels, under Commander Lee, as high as Vicksburg, in the rear of Jackson, to cut off their supplies from the west.

I trust, therefore, that it will be found by the government that I have carried out my instructions to the letter and to the best of my abilities, so far as this city is concerned, which is respectfully submitted.

I am, sir, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

General Order.]

UNITED STATES FLAG-SHIP HARTFORD,
Mississippi River, April 20, 1860.

The flag-officer, having heard all the opinions expressed by the different commanders, is of the opinion that whatever is to be done will have to be done quickly, or we will be again reduced to a blockading squadron, without the means of carrying on the bombardment, as we have nearly expended all the shells and fuzes and material for making cartridges. He has always entertained the same opinions which are expressed by Commander Porter, that is, there are three modes of attack, and the question is which is the one to be adopted? His own opinion is, that a combination of two should be made, viz: the forts should be run, and when a force is once above the forts, to protect the troops, they should be landed at quarantine from the Gulf side by bringing them through the bayou, and then our forces should move up the river, mutually aiding each other as it can be done to advantage.

When, in the opinion of the flag-officer, the propitious time has arrived, the signal will be made to weigh and advance to the conflict. If, in his opinion, at the time of arriving at the respective positions of the different divisions of the fleet, we have the advantage, he will make the signal for close action, No. 8, and abide the result—conquer or to be conquered, drop anchor or keep under way as in his opinion is best.

Unless the signal above mentioned is made, it will be understood that the first order of sailing will be formed after leaving Fort St. Philip, and we will proceed up the river in accordance with the original opinion expressed.

The programme of the order of sailing accompanies this general order, and the commanders will hold themselves in readiness for the service as indicated.

ORDER OF FLEET.

2d division gunboats, Captain Bell commanding.

Winona, Lt. Com'g Nichols.	Itasca, Lt. Com'g Caldwell.	Pinola, Lt. Com'g Crosby.	Kennebec, Lt. Com'g Russell.	Iroquois, Commander DeCamp.	Sciota, Lt. Com'g Donaldson.
☐	☐	☐	☐	☐	☐ — +

1st division of ships.

Richmond, Commander Alden.	Brooklyn, Captain Craven.	Harford, Com'der Wainwright.
☐	☐	☐ — +

1st division gunboats, Captain Bailey, commanding.

Wissahickon, Lt. Com'g A. Smith.	Kineo, Lt. Com'g Ransom.	Katahdin, Lt. Com'g Preble.	Varuna, Commander Boggs.	Oneida, Commander Lee.	Cayuga, Lt. Com'g Harrison.
☐	☐	☐	☐	☐	☐ — +

2d division of ships.

Mississippi, Commander M. Smith.	Pensacola, Captain Morris.
☐	☐ — +

Very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer, Western Gulf Blockading Squadron.

Correspondence relating to the surrender of New Orleans.

No. 1.

UNITED STATES FLAG-SHIP HARTFORD,
At anchor off the City of New Orleans, April 26, 1862.

SIR: Upon my arrival before your city I had the honor to send to your honor Captain Bailey, United States navy, second in command of the expedition, to demand of you the surrender of New Orleans to me, as the representative of the government of the United States. Captain Bailey reported to me the result of an interview with yourself and the military authorities. It must occur to your honor that it is not within the province of a naval officer to assume the duties of a military commandant. I came here to reduce New Orleans to obedience to the laws of, and to vindicate the offended majesty of the government of, the United States. The rights of persons and property shall be secure. I therefore demand of you, as its representative, the unqualified surrender of the city, and that the emblem of sovereignty of the United States be hoisted over the city hall, mint, and custom-house by meridian this day, and that all flags and other emblems of sovereignty other than those of the United States shall be removed from all the public buildings by that hour. I particularly request that you shall exercise your authority to quell disturbances, restore order, and call upon all the good people of New Orleans to return at once to their vocations; and I particularly demand that no person shall be molested in person or prop-

erty for professing sentiments of loyalty to their government. I shall speedily and severely punish any person or persons who shall commit such outrages as were witnessed yesterday, armed men firing upon helpless women and children for giving expression to their pleasure at witnessing the old flag.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Squadron.

His Excellency the MAYOR of the City of New Orleans.

No. 2.

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off the City of New Orleans, April 26, 1862.

Your honor will please give directions that no flag but that of the United States will be permitted to fly in the presence of this fleet so long as it has the power to prevent it; and as all displays of that kind may be the cause of bloodshed, I have to request that you will give this communication as general a circulation as possible.

I have the honor to be, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

His Honor the MAYOR of New Orleans.

No. 3.

General Order.]

UNITED STATES FLAG-SHIP HARTFORD,

Off the City of New Orleans, April 26, 1862.

Eleven o'clock this morning is the hour appointed for all the officers and crews of the fleet to return thanks to Almighty God for his great goodness and mercy in permitting us to pass through the events of the last two days with so little loss of life and blood.

At that hour the church pennant will be hoisted on every vessel of the fleet, and their crews assembled will, in humiliation and prayer, make their acknowledgments therefor to the Great Dispenser of all human events.

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

MAYORALTY OF NEW ORLEANS,

City Hall, April 26, 1862.

SIR: In pursuance of the resolution which he thought proper to take, out of regard for the lives of the women and children who still crowd this great metropolis, General Lovell has evacuated it with his troops, and restored back to me the administration of its government and the custody of its honor.

I have, in concert with the city fathers, considered the demand you made of me on yesterday of an unconditional surrender of the city, coupled with a requisition to hoist up the flag of the United States on the public edifices, and to haul down that which still floated to the breeze from the dome of this hall; and it becomes my duty to transmit to you the answer which the universal sentiment of my constituency, no less than the promptings of my own heart, dictate to me on this sad and solemn occasion.

The city is without means of defence, and utterly destitute of the force and material that might enable it to resist the overpowering armament displayed in sight of it.

I am no military man, and possess no authority beyond that of executing the municipal laws of the city of New Orleans. It would be presumptuous in me to attempt to lead an army to the field, if I had one at my command, and I know still less how to surrender an undefended place, held as this is at the mercy of your gunners and mouths of your mortars. To surrender such a place were an idle and unmeaning ceremony. The city is yours by the power of brutal force, and not by any choice or consent of its inhabitants. It is for you to determine what shall be the fate that awaits her.

As to the hoisting of any flag than the flag of our own adoption and allegiance, let me say to you, sir, that the man lives not in our midst whose hand and heart would not be palsied at the mere thought of such an act, nor could I find in my entire constituency so wretched and desperate a renegade as would dare to profane with his hand the sacred emblem of our aspirations.

Sir, you have manifested sentiments which would become one engaged in a better cause than that to which you have devoted your sword. I doubt not but that they spring from a noble though deluded nature, and I know how to appreciate the emotions which inspire them. You will have a gallant people to administer during your occupation of this city; a people sensitive of all that can in the least affect its dignity and self-respect. Pray, sir, do not allow them to be insulted by the interference of such as have rendered themselves odious and contemptible by the dastardly desertion of the mighty struggle in which we are engaged, nor of such as might remind them too painfully that they are the conquered and you the conquerors. Peace and order may be preserved without a resort to measures which could not fail to wound their susceptibilities and fire up their passions.

The obligations which I shall assume in their name shall be religiously complied with. You may trust their honor, though you might not count on their submission to unmerited wrong.

In conclusion, I beg you to understand that the people of New Orleans, while unable at this moment to prevent you from occupying this city, do not transfer their allegiance from the government of their choice to one which they have deliberately repudiated, and that they yield simply that obedience which the conqueror is enabled to extort from the conquered.

Since writing the above, which is an answer to your verbal communication of yesterday, I have received a written communication, to which I shall reply before 12 o'clock m., if possible to prepare an answer in that time.

Respectfully,

JOHN T. MONROE, *Mayor.*

Flag-Officer D. G. FARRAGUT,
United States Flag-Ship Hartford.

CITY HALL, *April 25, 1862.*

Honorable Common Council:

GENTLEMEN: At half-past one o'clock p. m. to-day I was waited on by Captain Bailey, second in command of the federal fleet now lying in front of the city, bearing a demand from Flag-Officer Farragut for the unconditional surrender of the city of New Orleans and hoisting of the United States flag on the custom-house, post office, and mint. He also demanded that the Louisiana flag should be hauled down from the city hall. I replied that General Lovell was in command here, and that I was without authority to act in military

matters. General Lovell was then sent for, and to him, after stating that his mission was to the mayor and council, Captain Bailey addressed his demands.

General Lovell refused to surrender the city or his forces, or any portion of them, but accompanied his refusal with the statement that he should evacuate the city, withdraw his troops, and then leave the civil authorities to act as they might deem proper.

It is proper here to state that, in reply to the demand to haul down the flag from the city hall, I returned an unqualified refusal.

I am now in momentary expectation of receiving a second peremptory demand for the surrender of the city. I solicit your advice in the emergency. My own opinion is, that, as a civil magistrate, possessed of no military power, I am incompetent to perform a military act such as the surrender of the city to a hostile force; that it would be proper to say, in reply to a demand of that character, that we are without military protection; that the troops have withdrawn from the city; that we are consequently incapable of making any resistance, and therefore we can offer no obstruction to the occupation of the place by the enemy; that the custom-house, post office, and mint are the property of the confederate government, and that we have no control over them; and that all acts involving a transfer of authority be performed by the invading forces themselves; that we yield to physical force alone, and that we maintain our allegiance to the government of the Confederate States. Beyond this a due respect for our dignity, our rights, and the flag of our country does not, I think, permit us to go.

Respectfully,

JOHN T. MONROE, *Mayor*.

The above message, which want of time prevented me from having copied, I enclose for information.

Respectfully,

JOHN T. MONROE, *Mayor*,
Per MARION N. BAKER, *Secretary*.

MAYORALTY OF NEW ORLEANS,
City Hall, April 26, 1862.

Common Council of the City of New Orleans—No. 6002.

The common council of the city of New Orleans, having been advised by the military authorities that the city is indefensible, declare that no resistance will be made to the forces of the United States.

Resolved, That the sentiments expressed in the message of his honor the mayor to the common council are in perfect accordance with the sentiments entertained by these councils and by the entire population of this metropolis, and that the mayor be respectfully requested to act in the spirit manifested by the message.

S. P. DE LABARRE,
President pro tem. of the Board of Aldermen.
J. MAGIONI,
President of the Board of Assistant Aldermen.

Approved April 26, 1862.

JOHN T. MONROE, *Mayor*.

A true copy.

MARION N. BAKER,
Secretary to Mayor.

UNITED STATES FLAG-SHIP HARTFORD,
At anchor off the City of New Orleans, April 28, 1862.

SIR: Your communication of the 26th instant has been received, together with that of the city councils.

I deeply regret to see, both by their contents and the continued display of the flag of Louisiana on the court-house, a determination on the part of the city authorities not to haul it down. Moreover, when my officers and men were sent on shore to communicate with the authorities and to hoist the United States flag on the custom-house, with the strictest orders not to use their arms unless assailed, they were insulted in the grossest manner, and the flag which had been hoisted by my orders on the mint was pulled down and dragged through the streets. All of which go to show that the fire of this fleet may be drawn upon the city at any moment, and in such an event the levee would, in all probability, be cut by the shells, and an amount of distress ensue to the innocent population which I have heretofore endeavored to assure you that I desired by all means to avoid. The election is therefore with you; but it becomes my duty to notify you to remove the women and children from the city within forty-eight hours, if I have rightly understood your determination.

Very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

His Honor the MAYOR AND CITY COUNCIL

of the City of New Orleans.

MAYORALTY OF NEW ORLEANS,

City Hall, April 28, 1862.

To the Common Council:

GENTLEMEN: I herewith transmit to you a communication from Flag-Officer Farragut, commanding the United States fleet now lying in front of the city. I have informed the officer bearing the communication that I would lay it before you, and return such answer as the city authorities might think proper to be made.

In the meantime permit me to suggest that Flag-Officer Farragut appears to have misunderstood the position of the city of New Orleans. He had been distinctly informed that at this moment the city has no power to impede the exercise of such acts of forcible authority as the commander of the United States naval forces may choose to exercise, and that therefore no resistance would be offered to the occupation of the city by the United States forces.

If it is deemed necessary to remove the flag now floating from this building, or to raise United States flags on others, the power which threatened the destruction of our city is certainly capable of performing those acts. New Orleans is not now a military post; there is no military commander within its limits; it is like an unoccupied fortress, of which an assailant may at any moment take possession. But I do not believe that the constituency represented by you or by me embraces one loyal citizen who would be willing to incur the odium of tearing down the symbol representing the State authority to which New Orleans owes her municipal existence. I am deeply sensible of the distress which would be brought upon our community by a consummation of the inhuman threat of the United States commander; but I cannot conceive that those who so recently declared themselves to be animated by a Christian spirit, and by a regard for the rights of private property, would venture to incur for themselves and the

government they represent the universal execration of the civilized world by attempting to achieve, through a wanton destruction of life and property, that which they can accomplish without bloodshed, and without a resort to those hostile measures which the law of nations condemns and execrates, when employed upon the defenceless women and children of an unresisting city.

Respectfully,

JOHN T. MONROE, *Mayor*.

MAYORALTY OF NEW ORLEANS,

City Hall, April 28, 1862.

SIR: Your communication of this morning is the first intimation I ever had that it was by "*your strict orders*" that the United States flag was attempted to be hoisted upon certain of our public edifices by officers sent on shore to communicate with the authorities. The officers who approached me in your name disclosed no such orders, and intimated no such designs on your part; nor could I have for a moment entertained the remotest suspicion that they could have been invested with powers to enter on such an errand while the negotiations for a surrender between you and the city authorities were still pending. The interference of any force under your command, as long as these negotiations were not brought to a close, could not be viewed by me otherwise than as a flagrant violation of those courtesies, if not of the absolute rights, which prevail between belligerents under such circumstances. My views and my sentiments in reference to such conduct remain unchanged.

You now renew the demands made in your former communication, and you insist on their being complied with, unconditionally, under a threat of bombardment within forty-eight hours; and you notify me to remove the women and children from the city, that they may be protected from your shells.

Sir, you cannot but know that there is no possible exit from this city for a population which still exceeds in number 140,000, and you must therefore be aware of the utter inanity of such a notification. Our women and children cannot escape from your shells, if it be your pleasure to murder them on a question of mere etiquette. But if they could, there are but few among them who would consent to desert their families and their homes, and the graves of their relatives in so awful a moment. They would bravely stand the sight of your shells rolling over the bones of those who were once dear to them, and would deem that they died not ingloriously by the side of the tombs erected by their piety to the memory of departed relatives.

You are not satisfied with the peaceable possession of an undefended city, opposing no resistance to your guns, because of its bearing its doom with something of manliness and dignity, and you wish to humble and disgrace us by the performance of an act against which our nature rebels. This satisfaction you cannot expect to obtain at our hands.

We will stand your bombardment, unarmed and undefended as we are. The civilized world will consign to indelible infamy the heart that will conceive the deed and the hand that will dare to consummate it.

Respectfully,

JOHN T. MONROE, *Mayor*.

MR. FARRAGUT,

*Flag-Officer of the United States fleet
in front of the City of New Orleans.*

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off the City of New Orleans, April 28, 1862.

SIR: Hereafter, when I desire to communicate with the authorities, I will hoist a square flag with a diagonal red cross, when, if your honor will send your secretary, or any other person, to receive my communication to the shore opposite to the ship bearing that flag, a boat will be sent with an officer to deliver the document.

When the city authorities desire to communicate with me, by the messenger holding his handkerchief by two corners opposite the ship, a boat will be sent for him or his communication.

As my duties may call me away from before the city for a short time, I request that you will send your reply to any other vessel that may be present.

Very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

His Honor the MAYOR of New Orleans.

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off the City of New Orleans, April 29, 1862.

SIR: The forts St. Philip and Jackson having surrendered, and all the military defences of the city being captured or abandoned, you are required, as the sole representative of any supposed authority in the city, to haul down and suppress every ensign and symbol of government, whether State or Confederate, except that of the United States. I am now about to raise the flag of the United States upon the custom-house, and you will see that it is respected with all the civil power of the city.

I have the honor to be, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

His Honor the MAYOR of the City of New Orleans.

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off the City of New Orleans, April 30, 1862.

GENTLEMEN: I informed you, in my communication of the 28th of April, that your determination, as I understood it, was not to haul down the flag of Louisiana on the city hall, and that my officers and men were treated with insult and rudeness when they landed, even with a flag of truce, to communicate with the authorities, &c., and if such was to be the determined course of the people, the fire of the vessels might at any moment be drawn upon the city. This you have thought proper to construe into a determination on my part to murder your women and children, and made your letter so offensive that it will terminate our intercourse; and so soon as General Butler arrives with his forces, I shall turn over the charge of the city to him and assume my naval duties.

Very respectfully, &c.,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

His Honor the MAYOR AND CITY COUNCIL of New Orleans.

Reports of Captain T. Bailey, second in command.

UNITED STATES GUNBOAT CAYUGA,

At sea, May 7, 1862.

SIR: Having found it impossible to get the Colorado over the bars of the Mississippi, I sent up a large portion of her guns and crew, filling up deficiencies of both in the different vessels, and, with my aid, Acting Midshipman Higginson, steward, and boat's crew, followed up myself, hoisting, by authority of the flag-officer, my red, distinguishing flag as second in command, first on the Oneida, Commander Lee, and afterwards on the Cayuga.

That brave, resolute, and indefatigable officer, Commander D. D. Porter, was at work with his mortar fleet, throwing shells at and into Fort Jackson, while General Butler, with a division of his army, in transports, was waiting a favorable moment to land. After the mortar fleet had been playing upon the forts for six days and nights, (without perceptibly diminishing their fire,) and one or two changes of programme, Flag-Officer Farragut formed the ships into two columns, "line ahead;" the column of the red, under my orders, being formed on the right, and consisting of the Cayuga, Lieutenant Commanding Harrison, bearing my flag, and leading the Pensacola, Captain Morris; the Mississippi, Commander M. Smith; Oneida, Commander S. P. Lee; Varuna, Commander C. S. Boggs; Katahdin, Lieutenant Commanding Preble; Kineo, Lieutenant Commanding Ransom; and the Wissahickon, Lieutenant Commanding A. N. Smith. The column of the blue was formed on the left, heading up the river, and consisted of the flag-ship Hartford, Commander R. Wainwright, and bearing the flag of the commander-in-chief, Farragut; the Brooklyn, Captain T. T. Craven; the Richmond, Commander Alden; the Sciota, bearing the divisional flag of Fleet-Captain H. H. Bell; followed by the Iroquois, Itasca, Winona, and Kennebec.

At 2 a. m. on the morning of the 24th the signal "to advance" was thrown out from the flag-ship. The Cayuga immediately weighed anchor and led on the column. We were discovered at the boom, and, a little beyond, both forts opened their fire. When close up with St. Philip we opened with grape and canister, still steering on. After passing this line of fire, we encountered the "Montgomery flotilla," consisting of eighteen gunboats, including the ram Manassas and iron battery Louisiana, of twenty guns.

This was a moment of anxiety, as no supporting ship was in sight. By skilful steering, however, we avoided their attempts to butt and board, and had succeeded in forcing the surrender of three, when the Varuna, Captain Boggs, and Oneida, Captain Lee, were discovered near at hand. The gallant exploits of these ships will be made known by their commanders. At early dawn discovered a rebel camp on the right bank of the river. Ordering Lieutenant Commanding N. B. Harrison to anchor close alongside, I hailed and ordered the colonel to pile up his arms on the river bank and come on board. This proved to be the Chalmette regiment, commanded by Colonel Szymanski. The regimental flag, tents, and camp equipage were captured.

On the morning of the 25th, still leading, and considerably ahead of the line, the Chalmette batteries, situated three miles below the city, opened a cross fire on the Cayuga. To this we responded with our two guns. At the end of twenty minutes the flag-ship ranged up ahead and silenced the enemy's guns.

From this point no other obstacles were encountered, except burning steamers, cotton ships, fire rafts, and the like. Immediately after anchoring in front of the city I was ordered on shore by the flag-officer to demand the surrender of the city, and that the flag should be hoisted on the post office, custom-house, and

mint. What passed at this interview will be better stated in the flag-officer's report.

On the 26th I went with the flag-officer some seven miles above the city, where we found the defences abandoned, the guns spiked, and gun carriages burning. These defences were erected to prevent the downward passage of Captain Foote. On the 27th a large boom, situated above these defences, was destroyed by Captain S. Phillips Lee. On the 28th General Butler landed above Fort St. Philip, under the guns of the Mississippi and Kineo. This landing of the army above, together with the passage of the fleet, appears to have put the finishing touch to the demoralization of their garrisons, (300 having mutinied in Fort Jackson.) Both forts surrendered to Commander Porter, who was near at hand with the vessels of his flotilla.

As I left the river General Butler had garrisoned Forts Jackson and St. Philip, and his transports, with troops, were on their way to occupy New Orleans.

I cannot too strongly express my admiration of the cool and able management of all the vessels of my line by their respective captains. After we had passed the forts it was a contest between iron hearts in wooden vessels and iron-clads with iron beaks, and the "iron hearts" won.

On the 29th the Cayuga, Lieutenant Commanding Harrison, was selected to bring me home a bearer of despatches to the government.

I have the honor to be, very respectfully, your obedient servant,

THEODORUS BAILEY,

Captain.

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES GUNBOAT CAYUGA,
Off New Orleans, April 25, 1862.

FLAG-OFFICER: Your boldly-conceived and splendidly-executed plan of battle having resulted in complete success, leaves me time to make up the report of my division.

You will find in Lieutenant Commanding Harrison's report an accurate outline of the noble part taken by the Cayuga, under his command, and bearing my divisional flag. We led off at 2 a. m., in accordance with your signal, and steered directly up stream, edging a little to starboard, in order to give room for your division.

I was followed by the Pensacola in fine style, the remainder of my division following in regular and compact order. We were scarcely above the boom when we were discovered, and Jackson and St. Philip opened upon us. We could bring no gun to bear, but steered directly on. We were struck from stem to stern. At length we were close up with St. Philip, when we opened with grape and canister. Scarcely were we above the line of fire when we found ourselves attacked by the rebel fleet of gunboats. This was *hot* but more congenial work. Two large steamers now attempted to board, one on our starboard bow, the other astern; a third on our starboard beam. The 11-inch Dahlgren being trained on this fellow, we fired at a range of 30 yards. The effect was very destructive; he immediately steered in shore, ran aground and burnt himself up.

The Parrott gun on the forecastle drove off one on the bow, while we prepared to repel boarders, so close was our remaining enemy. About this time Boggs and Lee came dashing in, and made a finish of the rebel boats—eleven in all.

In the gray of the morning discovered a camp with rebel flag flying; opened with canister, and at 5 a. m. received the sword and flag of Colonel Szymanski and his command of five companies, arms, and camp equipage. While engaged

at this point, observed the Varuna in conflict with a number of gunboats. She had been butted by one of them and sunk; but, with his forward guns still above water, her commander was bravely maintaining the fight, driving off his enemies and saving his crew. Informing Captain Lee, of the Oneida, who had also been engaged with the enemy, of the Varuna's situation, he instantly steamed up and made a finish of the rebel boats. The remainder of the fleet now came up. The Mississippi had been detained below with the Manassas and another iron-clad. After this everything passed under your observation.

The pleasant duty now remains of speaking of the Cayuga and her brave officers and crew. From first to last, Lieutenant Commanding N. B. Harrison displayed a masterly ability in steering his vessel past the forts under a hurricane of shot and shell, and afterwards in manœuvering and fighting her among the gunboats. I cannot say too much for him. He was gallantly sustained by Lieutenant George H. Perkins and Acting Master Thomas H. Morton. These officers have my unbounded admiration.

I must, in conclusion, express the pleasure which I experienced in witnessing the seamanlike manner in which all the ships were handled. The reports of the divisional captains will inform you of the particular part borne by each ship.

Respectfully, your obedient servant,

T. BAILEY,

Captain Commanding Division of the Red.

Flag-Officer D. G. FARRAGUT,

Commander-in-Chief, &c., New Orleans.

Report of Fleet-Captain H. H. Bell.

UNITED STATES FLAG-SHIP HARTFORD,

Off the City of New Orleans, April 26, 1862.

SIR: On the night of the 23d instant I went on board of the United States gunboat Sciota, Lieutenant Commanding E. Donaldson, the leading vessel of the second division of gunboats, which you did me the honor to assign to my command for the ascent of the river. At 4 a. m. of the 24th instant the Sciota, accompanied by the division, followed in the wake of the Richmond, for passing Forts Jackson and St. Philip.

Having run safely through the batteries of the forts and rebel steamers, Captain Donaldson set fire to and burned two steamboats, (one loaded with gun-carriages, the other with rosin and combustible materials.) He also sent a boat's crew to take possession of an armed steamer which surrendered to him, to bring her up the river; but finding her hard and fast ashore, and under the guns of the fort, the boat returned without her. This delayed the movements of the Scotia, and brought her within half a mile of the ram Manassas, whence I witnessed the decided manner in which the noble old steamship Mississippi, commander Melancthon Smith, met that pigmy monster. The Mississippi made at her, but the Manassas sheered off to avoid the collision, and landed on the shore, when her crew escaped over her roof into the swamp. The Mississippi pelted her meanwhile with her heavy guns. After a while she slipped off the bank, and was last seen by some of the officers floating down the stream, passing the Mississippi without smoke-stack. I counted nine of the enemy's steamers of all kinds destroyed; all but two being well armed on the bow and stern.

Upon the assembling of the fleet at quarantine I observed, for the first time, that the gunboats Itasca, Lieutenant Commanding C. H. B. Caldwell; Winona,

Lieutenant Commanding Ed. T. Nichols, and Kennebec, Lieutenant Commanding John Russell, belonging to the second gunboat division, were missing. As they were the three rearmost vessels of the fleet, it was apprehended that the fire of the forts and of the enemy's steamers had been concentrated upon them after the passage of the larger vessels, which had attracted and divided the fire of the enemy while they were in sight. I am happy to report none killed and only two slightly wounded in this brilliant dash of the fleet.

The Sciota next preceded the fleet up to English Turn, and was the fourth vessel ahead in the attack on and capture of the forts at the city of New Orleans, on the 25th, and the third in passing up in front of the city. She has shared in all the active operations of the fleet to this date.

The immediate object of this expedition having been gained, I hauled down my pennant at one p. m. to-day, to resume my duties as fleet-captain on board the Hartford, having no further casualties to report.

Throughout the trying scenes of this dashing expedition, which is second to none on record, Captain Donaldson, his officers and crew, were conspicuous for their coolness, intrepidity, and good conduct. Her guns were well and skilfully handled by their crews, under the direction and careful instruction of Lieutenant H. A. Adams; Midshipman Woodward gallantly working the rifle on the top-gallant forecastle, and Acting Master Foster the 11-inch pivot gun. Acting Master McFarland was always at the *con*, and acquitted himself zealously and handsomely in the discharge of that duty.

I am, very respectfully, your obedient servant,

H. H. BELL,

Captain of the Fleet, Western Gulf Blockading Squadron.

Flag-Officer D. G. FARRAGUT,

Western Gulf Blockading Squadron,

Off the City of New Orleans.

Report of Commander Richard Wainwright, United States Flag-Ship Hartford.

UNITED STATES FLAG-SHIP HARTFORD,

Off City of New Orleans, April 30, 1862.

SIR: I have the honor to submit the following report of the part taken by this ship in the actions of the mornings of April 24th and 25th instant, off Forts Jackson and St. Philip, and below the city of New Orleans,

At 3.30 a. m., on the morning of the 24th, got under way, and at 3.55 the Hartford opened fire from bow guns, engaging Fort Jackson, and receiving a galling fire from both forts. At 4.15 grounded on shoal near Fort St. Philip in the endeavor to clear a fire raft, which was propelled by a ram on our port quarter, setting fire to the ship, the flames bursting through the ports and running up the rigging, endangering the ship as much from fire, if not more, than from the guns of the enemy. Went to "fire quarters," extinguished flames, and backed off—a heavy fire being kept up by both forts upon us all the time, and we continuing to fire in return upon them until out of range. Passed and fired into several rebel steamers on our way up the river.

On the 25th instant, steaming up the river, cleared ship for action at 9.30 a. m., and at 11.30 discovered two batteries, one on each bank of the river, which commenced firing. We then opened fire with bow guns, and shortly were in position to use both batteries, and at first fire of the port battery drove the enemy on the right bank from his guns. After passing were fired on by riflemen, but without injury. The ship was much riddled, having received 32 shots,

some of them of a serious nature. There were also two guns disabled by the enemy's fire.

I herewith enclose the reports of the heads of the different departments. We have to mourn the loss of three of our brave crew, and also had ten wounded. The guns were well worked and served, and when officers and men behave with such courage and coolness, I consider it a credit to the ship to say that it is impossible for me to individualize.

On April 26th, at 3.25 p. m., proceeded up the river to attack some batteries; at 5 went to quarters, and at 5.35 discovered two batteries, both of which, however, had been evacuated, and gun-carriages set on fire. Sent a boat to battery on left bank and spiked twenty-nine guns.

Respectfully yours,

R. WAINWRIGHT,
Commander, United States Ship Hartford.

Flag-Officer FARRAGUT,
Commanding Western Gulf Blockading Squadron.

UNITED STATES STEAMER HARTFORD,
Off New Orleans, April 25, 1862.

SIR: In obedience to your orders of the 25th instant I respectfully submit the following report of damages done to rigging during the actions of the 24th and 25th instant, having made a careful examination of the same:

Three mizzen shrouds, one starboard and two port, cut away; two fore-top main stays cut away; one fore-topmast staysail-stay cut away; one mizzen topsail jack-stay, on which mizzen topsail halliards run; one shroud in main rigging, (slightly;) one main topsail brace cut away; one cross-jack yard-lift cut off; one mizzen topsail sheet cut off; one mizzen top burton cut off; one mizzen pendant tackle cut off.

Very respectfully,

JAMES WALKER.
Boatswain, United States Navy.

Examined.

LIEUT. JAS. S. THORNTON,
Executive Officer.

Captain R. WAINWRIGHT, Esq.,
*Commanding United States Steamer Hartford,
Western Division Gulf Blockading Squadron.*

UNITED STATES FLAG-SHIP HARTFORD,
Off New Orleans, April 28, 1862.

SIR: In obedience to your order of the 25th instant I respectfully submit the following report of damages sustained by this ship in the actions of the 24th and 25th instant:

Two shot holes on starboard bow; one on starboard side bowsprit, carrying away bees; one on starboard side, abreast of mainmast, entering and tearing down armory, state-room, bulkheads, &c.; one in main-chains, entering and tearing up starboard steerage; two under main-chains, tearing away clamps, &c., two between main and mizzen chains, tearing up planking and main rail; three on starboard buttocks, cutting three planks entirely off; one on starboard quarter, cutting away planking clamps, entering and breaking up poop cabin; one

through mainmast; one striking mainyard, carrying away one quarter batten; one through starboard waist boat on port side port buttock, entering ship, cutting away three planks; one through port bow, carrying away wash-room, entering and tearing part of sick-bay, bulkhead, and dispensary; one breaking up port quarter boat.

Very respectfully, your obedient servant,

JAS. H. CONLEY,

Carpenter, United States Navy.

Captain R. WAINWRIGHT, Esq.,

Commanding United States Flag-Ship Hartford, off New Orleans.

UNITED STATES FLAG-SHIP HARTFORD,

Off New Orleans, April 25, 1862.

SIR: In obedience to your order of the 24th instant, I respectfully submit the following report of damages done to battery, losses in small arms and miscellaneous articles in ordnance department in the actions of the 24th and 25th instant:

One 9-inch Dahlgren gun, No. 224, struck by the enemy's shot, knocking off a portion of the muzzle; one 20-pounder rifle gun, struck by the enemy's shot; one 20-pounder rifle gun-carriage, disabled from the enemy's shot; one elevating screw, damaged; twelve Jocelyn rifles; four sabre bayonets; five rifle muskets; eight bayonets; ten cutlass frogs; ten pistol and revolver frogs; fourteen bayonet scabbards; six cutlasses; four sabre bayonet scabbards; twenty-six waistbelts; ten musket cartridge boxes; ten rifle cartridge boxes; five revolver cartridge boxes; eighteen bullet moulds; fifty cone picks; two lamp scissors; ten lamp chimneys; ten Jocelyn wipers; ten wiper rods; two revolvers; one pistol; six single sticks; two 9-inch ramrods; two 9-inch sponges; ten twist sock strings; four battle axes; two lamp feeders.

Very respectfully, &c.,

JOHN DUNCAN,

Acting Gunner, United States Navy.

Captain RICHARD WAINWRIGHT,

Commanding U. S. Steamer Hartford, off New Orleans.

Examined.

A. KAUTZ,

Lieutenant and Ordnance Officer.

Report of Captain Henry W. Morris, United States Steam-sloop Pensacola.

UNITED STATES SLOOP PENSACOLA,

At anchor off New Orleans, April 28, 1862.

SIR: I have the honor to report the following incidents and occurrences of the conflict of the 24th and 25th of April in passing Forts Jackson and St. Philip and their adjacent batteries; also, the engagement with the rebel gunboats and the "ram," which were stationed above those forts; also, the action with the batteries located a few miles below this city, and which latter took place on the 25th instant.

Your order to me was that this ship should, after passing the barricade below the forts, proceed to the attack of Fort St. Philip, in order to divert its fire

from your division, so that you should not be exposed to the fire of both of these forts at the same time. On our arrival at the opening of the barricade the enemy opened his fire on us. We proceeded slowly through it, firing only our bow guns, until we reached a position where our broadside guns could be used; we then continued slowly on, frequently stopping and returning his fire, and sustaining that of the rebel gunboats at the same time, until we had reached a point above that fort where its fire could no longer reach us. The ram, after having struck the Varuna gunboat, and forced her to run on shore to prevent sinking, advanced to attack this ship, coming down on us right ahead. She was perceived by Lieutenant F. A. Roe just in time to avoid her by sheering the ship, and she passed close on our starboard side, receiving, as she went by, a broadside from us. The gunboats of the enemy now fled up the river, and some of them were run on shore and set fire to by their own crews. We were under the fire of the enemy about two hours. We then steamed up the river to render assistance to the Varuna. We sent our boats to her to assist in taking off her officers and crew, and have seven of the former and about sixty of the latter now on board.

The conduct of the officers and crew of this ship was in every respect praiseworthy, evincing coolness and courage of the highest order. The fire of the guns was kept up with all the rapidity which the circumstances of the action demanded, to insure injury to the enemy without the wasting of ammunition. The amount of damage inflicted by us on him cannot be ascertained, but I believe that it must have been very considerable. It is impossible in a night attack to do justice to each officer's merits by specifying his particular conduct in the battle; but the result of the conflict is the best evidence of the great good behavior of them all.

I *must speak* of the coolness and ability displayed by Lieutenant F. A. Roe, the executive officer of this ship. His station being on the bridge next to me enabled me to witness it. My eyesight is quite defective, especially at night, and I am compelled to rely on that of others. I was, therefore, obliged to give to Lieutenant Roe the duty of directing the ship's course through the opening of the barricade, as well as the ascending of the river during the whole action. The judgment and skill shown by him in the performance of this duty cannot be surpassed. We had no pilot on board, and he performed that duty with the most remarkable ability and success. I recommend and most strongly urge upon the Navy Department the propriety and justice of promoting him to the rank of commander, as a reward for the highly important services which he has rendered in this battle. In my opinion he has fairly earned it and ought to receive it.

In the action of the 25th instant with the batteries just below the city the ship received but little injury in her hull or rigging, and none of the officers or crew were killed or wounded. I enclose herewith a report of the surgeon of the killed and wounded; also, one of the injury sustained by the ship in hull and rigging.

I am, very respectfully,

HENRY W. MORRIS, *Captain.*

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES SHIP PENSACOLA,

New Orleans, April 30, 1862.

SIR: I respectfully beg leave to report the following facts and incidents connected with our engagement of the 24th instant with Forts Jackson and St.

Philip and their adjacent batteries, and also with the fleet of rebel gunboats and rams.

I have reason to congratulate myself that I ordered the men to lie down flat on deck, to receive the first fire of the forts, until our guns were in range. By this means, I have no doubt, many valuable lives were saved, and no ammunition was thrown away by firing at random.

Soon as the battery opened upon the enemy it did great execution by its rapidity of fire and the certainty of its aim. The conduct of our people was gallant in the highest degree.

Too great praise cannot be awarded to Lieutenant James Stillwell for his coolness and activity. He moved constantly from one division to another, encouraging the guns' crews, instructing them how to act and how to fire, and when some of them were disabled by their numbers falling, and the wounded, lying helpless in the darkness, encumbered the decks, Lieutenant Stillwell, by his presence and coolness, restored order, and maintained an unremitting fire from every gun. Although himself knocked down by a cannon shot, he recovered his presence of mind, which never forsook him, and was always found where he was most needed.

The forward division, consisting of the 11-inch pivot and 80-pounder rifle-gun, was admirably served under the orders of Acting Master E. C. Weeks. Master's Mate Alfred H. Reynolds came aft on the hammock nettings to report to me the loss of the rammer of his 80-pounder. While aft by the bridge, near No. 5 gun, he had his sword-belt cut from his waist in three pieces. But this officer never for a moment faltered in his duty at the forward division. Mr. Cox, the carpenter, was quite severely wounded in the beginning of the engagement, and was compelled to go below. Mr. Goodrich, the boatswain, was also wounded by a fragment of shell lodging in his arm, and, though suffering great pain and loss of blood, remained at his station to the end of the conflict. His conduct is worthy of the highest praise. The crew of No. 5 gun was most severely dealt with. In the very beginning of the action John Ryan, the gun captain, was mortally wounded, and several others fell. Patrick Hughes, seaman, who was first sponger, showed himself particularly active, and his conduct, in my opinion, redeemed his previous bad character.

William Gray, 1st, the first loader of No. 3 gun, very deliberately picked up a 32-pound shot which landed on deck and threw it overboard, supposing it to be a shell.

I call special attention to the gun captain of the rifled howitzer aft, which, though much exposed was served with much ability and activity, although no officer whatever superintended it. James McCloud, captain of foretop, a volunteer from the Colorado, was the gun captain of this piece. I earnestly commend him to your favorable notice.

I have also to notice the fine conduct of Louis Richards, the quartermaster at the wheel during the terrific fire. All through the din and roar of battle this man never once erred in steering the ship through the narrow opening of the barricade, and his watchful devotion to my orders contributed in a great degree to the successful passage of the ship, without once fouling the shore or the obstacles of the barricade. The coolness of this man, at a station of no ordinary danger, was perfectly heroic.

Assistant Engineer Huntly, stationed at the bell abreast of No. 5 gun, was wounded at the same time that the gun's crew was disabled. He was urged to go below, but refused to leave his station, and remained there all through the action.

I must make very special mention of Thomas Flood, (boy,) who acted as my aid on the bridge. He was swept from my side along with the signal quartermaster, Murry, who had his leg shot away by a shell which burst near them. Flood, finding himself unhurt on the deck below the bridge, assisted the signal quartermaster to get below. After getting him into the hands of the surgeon,

Flood promptly returned to my side, and assisted me very materially by taking the duties of signal quartermaster upon himself. This duty he performed with the coolness, exactitude, and fidelity of a veteran seaman. I cannot speak too warmly of Flood, and I would be glad to see him appointed a midshipman in the navy. His intelligence and gentle character are of a high order.

The powder division was perfectly served under the command of Paymaster George L. Davis. Its good order and efficiency are worthy of special notice.

There are but two instances of conduct which I record with pain. John McDonald, seaman, from the Colorado, was the second captain of No. 6 gun. When the first captain was wounded by a bursting shell, this man gave up his gun. One of the gun's crew was heard by Lieutenant Stillwell calling for some one to take charge of the gun, and no one coming, he took charge of it himself.

The other instance is still more humiliating. William Cooper, ordinary seaman, shellman of No. 2 gun, deserted his station, and was twice hauled out from behind the forward bitts by the men of our ship. The scorn and contempt of our crew for this man seems to be condemnation enough.

Other examples of courage and coolness, however, are so marked and striking, that it is a source of pride and congratulation to me that I have been able to go into battle with such men.

I am, sir, very respectfully, your obedient servant,

F. A. ROE, *Executive Officer.*

Captain HENRY W. MORRIS,

Commanding United States Ship Pensacola.

UNITED STATES STEAM-SLOOP PENSACOLA,

Off New Orleans, April 29, 1862.

SIR: I would respectfully report the damages this steamer sustained in carpenter's department, as follows, viz: One shot entering starboard bow (raking) just beneath spar deck lodging knees, cutting its way through the side and tearing in splinters a hanging knee, cutting through deck beam, thence striking bitt, badly splintering this; lodging in another beam amidships. Second, through main rigging, (starboard,) ploughing through bridge, going out at main-rail, (port,) which is cut entirely off. Third, struck sheet chain outside, badly cutting two strakes whales at No. 6 gunport. Fourth, came through side at No. 3 gunport, cutting two strakes spirketting, crossing deck and demolishing one side of a gun-carriage. Fifth, came through No. 7 gunport, tearing away two five-rail stanchions, cutting through mainmast, crippling mast-loop, passing out of side of gunport, tearing away framing stanchion and plank. Sixth, struck iron knee under the bridge, cutting it off. Seventh, through hammock nettings, mizzen rigging, badly cutting main-rail, passed out through port-netting, cutting off hammock-rails. Eighth, came through side, near poop deck, cutting away framing timber and plank. Ninth, starboard quarter, about five feet above water, not through plank. The above are, sir, all I have been able to ascertain.

Very respectfully, your obedient servant,

JOSEPH E. COX,

Acting Carpenter.

Captain H. W. MORRIS,

Commanding United States Steamer Pensacola.

P. S.—To the above should be added two boats, one very badly stove; also masts and gratings badly cut up by shells.

UNITED STATES SLOOP PENSACOLA,
Off New Orleans, April 28, 1862.

SIR: The following is a list of the rigging of this ship which was shot away and wounded in the actions of the 24th and 25th of April, 1862: One screw of the starboard main rigging; one screw of port mizzen rigging; plate of topsail halyard block, in the starboard fore-chains, shot away; one topmast backstay, wounded; one shroud of port main rigging, shot away; one leg of mizzen stay, shot away; mizzen stay, wounded; three shrouds of main rigging on the port side, slightly wounded; one shroud on starboard side of main rigging, slightly wounded; some running rigging shot away.

Very respectfully,

C. E. McKAY,
Acting Master.

Captain HENRY W. MORRIS.

Report of Captain T. T. Craven, United States Steam-Sloop Brooklyn.

UNITED STATES STEAM-SLOOP BROOKLYN,
Mississippi River, off New Orleans, April 26, 1862.

SIR: Herewith I have the honor to enclose reports from the executive officer, surgeon, gunner, carpenter, and boatswain, relative to the occurrences, casualties, expenditure of ammunition, and damages on board this ship on the mornings of the 24th and 25th instant.

It becomes my duty to add that, on the morning of the 24th, soon after the action between our fleet and the forts, St. Philip and Jackson, commenced, in consequence of the darkness of the night, and the blinding smoke, I lost sight of your ship, and when following in the line of what I supposed to be your fire, I suddenly found the Brooklyn running over one of the hulks and rafts which sustained the chain barricade of the river. For a few moments I was entangled and fell athwart the stream, our bow grazing the shore on the left bank of the river. While in this situation I received a pretty severe fire from Fort St. Philip. Immediately after extricating my ship from the rafts, her head was turned up stream, and a few minutes thereafter she was feebly butted by the celebrated ram Manassas. She came butting into our starboard gangway, first firing from her trap-door, when within about ten feet of the ship, directly towards our smoke-stack, her shot entering about five feet above the water-line and lodging in the sand-bags which protected our steam-drum. I had discovered this queer-looking gentleman, while forcing my way over the barricade, lying close into the bank, and when he made his appearance the second time I was so close to him that he had not an opportunity to get up his full speed, and his efforts to damage me were completely frustrated, our chain armor proving a perfect protection to our sides. He soon slid off and disappeared in the darkness. A few moments thereafter, being all the time under a raking fire from Fort Jackson, I was attacked by a large rebel steamer. Our port broadside, at the short distance of only fifty or sixty yards, completely finished him, setting him on fire almost instantaneously.

Still groping my way in the dark, or *under the black cloud* of smoke from the fire raft, I suddenly found myself abreast of St. Philip, and so close that the leadman in the starboard chains gave the soundings "thirteen feet, sir." As we could bring all our guns to bear, for a few brief moments we poured in grape and canister, and I had the satisfaction of completely silencing that work before I left it—my men in the tops witnessing, in the flashes of their bursting shrapnells, the enemy running like sheep for more comfortable quarters.

After passing the forts we engaged several of the enemy's gunboats; and

being at short range—generally from sixty to a hundred yards—the effects of our broadsides must have been terrific. This ship was under fire about one hour and a half. We lost eight men killed, and had twenty-six wounded, and our damages from the enemy's shot and shell are severe. I should not have been so particular, sir, in recording so many of the incidents of the morning of the 24th had I not been out of my proper station; but justice to my officers and crew demand that I should show that the Brooklyn was neither idle nor useless on that never-to-be-forgotten occasion.

In conclusion, I must here beg leave to add that my officers and crew, all, without a *single* exception, behaved in a most heroic manner; indeed, I was surprised to witness their perfect coolness and self-possession, as they stood at their guns while the rebels were hailing shot and shell upon us for nearly half an hour before I gave the order to "open fire." I have to congratulate myself on being so ably assisted by my executive officer, Lieutenant R. B. Lowry. He was everywhere, inspiring both officers and crew with his own zeal and gallantry in the performance of their duty. Lieutenant James O'Kane, who had charge of the 1st division, was severely wounded soon after we commenced the action; but not until he had himself primed, sighted, and fired two guns, and from loss of blood fallen to the deck, would he consent to be carried below. Lieutenant James Forney, commanding the marines, had two guns assigned him, and, with his men, fought most gallantly.

I was early deprived of the services of my signal officer and aid, Acting Midshipman John Anderson, by a shot, which cut him and the signal quartermaster, Barney Sands, nearly in two. Young Anderson was a most promising and gallant young gentleman, and had, only a few days previously, volunteered from another vessel, which had been detailed for other duty, to join this ship; he was knocked overboard and killed instantly. Immediately afterward, my young clerk, Mr. J. G. Swift, (who had been meanwhile taking notes,) asked me to let him act as my aid; and the prompt, self-possessed manner in which he performed his duty in conveying my orders elicited my highest admiration.

The conduct of Quartermaster James Buck, stationed at the wheel, merits particular mention. Early in the fight he received a severe and painful contusion by a heavy splinter; but for seven hours afterwards he stood bravely at his post and performed his duty, refusing to go below until positively ordered to do so; and on the morning of the 25th, without my knowledge, he again stole to his station and steered the ship from early daylight until 1.30 p. m., over eight hours. I beg particularly that you will bring this man's conduct to the especial notice of the Navy Department.

On the morning of the 25th of April, as the fleet was proceeding up the river, at about a quarter-past 11 o'clock, two batteries were discovered, one on our starboard bow, and the other almost directly ahead. Signal was made from your ship to prepare for action. At this time the flag-ship was the leading vessel, the Brooklyn was the second in the line, and the Iroquois third; the others were astern, and somewhat scattered. A few minutes after your signal the Cayuga passed the Brooklyn, and so close as to compel me to hail and request her commander not to force me out of my station. She pushed on, and even passed the flag-ship.

About noon, being then one and a quarter miles distant from them, the batteries opened a raking fire upon us. The fire of the starboard battery was immediately responded to by this ship, then about half a cable's length astern of the Hartford, and twenty-one shots from our 80-pounder rifled gun were rapidly, and with remarkable precision, thrown into it, only two of these shots failing to take effect. A few minutes afterward the Brooklyn, then steaming at the rate of ten knots, by the sudden sheering off and "slowing down" of the Hartford, for the purpose of engaging the enemy, necessarily sheered in shore, which brought her up within one hundred and fifty or two hundred yards of the port-hand battery,

and so as to obstruct the fire of the Hartford. The Brooklyn then opened fire with grape and canister, stopped her engines, and, lying within less than one hundred yards of the river bank, delivered two other broadsides, which completely drove the enemy pell mell from their guns and from the field.

In conclusion, sir, permit me to congratulate you upon this most brilliant success. The attack by our squadron upon two strong and garrisoned forts, steaming within grape and canister range, and partially silencing them, and the pursuit and destruction of almost their entire fleet of gunboats, have not been surpassed, if equalled, by any navy in the world. Under the providence of Almighty God we have achieved a most glorious victory.

Very respectfully, your obedient servant,

THOS. T. CRAVEN, *Captain.*

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES STEAM-SLOOP BROOKLYN,
Off New Orleans, Louisiana, April 25, 1862.

SIR: I have to report that, in the action of the morning of the 24th instant, from 3 a. m. to 4.50 a. m., against the rebel forts, Jackson and St. Philip, masked and water batteries, and some sixteen rebel gunboats, this ship engaged the enemy at 3 a. m. with shell, grape, and canister, of which 105 rounds were fired from the nine-inch guns, in broadside, at one time within 150 yards of Fort St. Philip. Great difficulty was experienced in discharging the 80-pounder Dahlgren rifle. This gun is defective in its vent.

The conduct of the men and officers was under your own eye. I can say with pride that they fully met my own expectations in their drill and efficiency; and although the action was fought mostly in total darkness, still nothing could exceed the rapid and precise firing, the prompt readiness to repair damages, and the care for the dead and wounded, which was evinced by every person at the gun divisions.

I regret to report the loss of seven most valuable men, viz: Bernard Sands, signal quartermaster, killed by your side; John Wade, captain after guard; Thomas White, coxswain, captain of No. 9 gun; Andrew Rourke, seaman, 1st loader of pivot gun; Daniel McEmory, (boy,) powder-boy of pivot gun; Henry Roff, marine, of marine gun's crew No. 1; William Lanahan, marine, of marine's gun's crew No. 2. Midshipman Anderson, your aid, was carried overboard early in the action by a round shot.

No. 9 gun had, by the striking of a 32-lb. shot against the iron boat-davit on port side, and breaking into fragments, immediately followed by a bursting shell in the same place, 1st captain killed, 2d captain badly wounded, and nine men badly disabled; making eleven men out of a crew of seventeen. Still, the remaining six fought the gun *most gallantly* until the end of the action. Our wounded amount to thirty, as per surgeon's report. No. 1 gun, port, was disabled by having the forward axletree shot away. We encountered the boom-chain, and broke it adrift by running over it and dislodging the anchored hulks; this close to Fort St. Philip. We also had an encounter with an iron-clad ram, which struck us in the starboard gangway; but the chain-armor, to a great extent, received the blow and saved the frame of the ship. The ship was badly struck and cut up in various parts; a report from Mr. Foy, the carpenter, I herewith enclose; both main-stays and much of the running gear were cut by shot.

As your executive officer it becomes my duty, as it is my pride, to call attention to the excellent bearing of every officer and man on board the ship. The

advancing and victorious squadron, in succession, ran down, sank, blew up, or fired by shells, eleven of the enemy's sixteen gunboats. One, the Warrior, a three-masted propeller, placed herself under the port broadside of the Brooklyn, when eleven five-second shells were exploded in her, actually driving her on the bank and instantly setting her on fire. A second three-masted propeller escaped annihilation from our starboard battery from her resemblance to the Iroquois, which caused us to hold our fire until the current had drifted her down astern of us, when her true character was ascertained, but too late for us to destroy her.

Mr. O'Kane, acting 2d lieutenant, in charge of the forward divisions, was wounded in the middle of the action and disabled, after most gallant service. I ordered Midshipman Bartlett to take charge of this battery, which he did promptly and efficiently.

In conclusion, I without hesitation assert that the attack of our squadron upon two strong and garrisoned forts, coming within grape and canister range, and to a great extent silencing their fire, and afterwards overtaking and destroying nearly all of the enemy's fleet, is not, to my knowledge, surpassed, if equalled, on the record of any navy in the world.

In the action of this morning against the batteries near the city we engaged at a close canister and grape range, and following closely the Sciota, which gunboat dashed gallantly into close quarters with the battery on the right bank, *but between us and the battery*, so that we *had* to hold our fire. We finished *her* work by a sweeping discharge of grape and canister, driving the rebels pell-mell out of their works. Midshipman Bartlett fought the 80-pounder pivot very skilfully, firing twenty-one shots into the battery on the left bank with great rapidity and precision, and in a great measure redeemed the character of the gun. I am happy to state that though we were struck a number of times in the hull, and some rigging cut, we had no loss of life or blood. One man, Dennis Leary, ordinary seaman, fell overboard, by his own carelessness, and was drowned.

The howitzers in the fore and main-tops were well served by Coxswain Hamilton and Captain of Main-top Williams, throwing shrapnell and canister very effectually into the enemy on both banks. Without officers to command them, the crews of these guns are worthy of especial notice. I should mention that the engine berth-deck and powder divisions were well served by their respective officers and men, and that the most perfect order was maintained while the numerous wounded were transferred to the surgeon promptly and carefully. Passed Assistant Engineer J. Morgan stood at the bell and executed your orders promptly throughout the action.

I have to thank you, sir, for the splendid example you gave us of coolness and masterly handling of this vessel in both actions; and I close this hasty report by recommending to your especial notice Quartermaster Buck, who, on the first morning, though wounded, stood bravely at the wheel for seven hours, and to-day again took his post and steered the ship from early daylight until 1.30 p. m.—over eight hours.

I am, very respectfully, your obedient servant,

R. B. LOWRY,

First Lieutenant U. S. Steam-Sloop Brooklyn.

Captain THOMAS T. CRAVEN,

Com'g U. S. Steam-Sloop Brooklyn, off New Orleans.

UNITED STATES STEAM-SLOOP BROOKLYN,
Off New Orleans, Louisiana, April 28, 1862.

SIR: In obedience to your order we, the undersigned, have examined the ship, as to the extent of injuries we received in our engagements with the forts and vessels in the river on the 24th instant, and with the batteries below the city on the 25th instant, and make the following report:

1. A shot on starboard bow, cutting through the plank, timber, and ceiling, passing through the storeroom, shattering the fore and aft piece and the deck beam, and striking the lodger knee, and breaking it badly, destroying in its progress three coils of large rope, and the interior work to considerable extent, and shattered the waterway below the berth-deck, and lodged there.

2. A shot on starboard bow, coming through the plank timbers and iron bracing, passing through the marine's storeroom, destroying a quantity of clothing and other stores, and lodged on the port side, between the knees and deck, breaking one of the main beams amidships.

3. A shell struck the starboard bow, near the wood ends, and exploded, making a large hole, and shattering the plank to a considerable extent. We cannot ascertain the extent of injury it has done, as it is impossible to get at it at present.

4. A shot on starboard side, just abaft fore channels, came through, destroying two lodger knees, crossing the deck, striking and shattering one of the hanging knees, and struck the side and fell on deck.

5. A shot, just forward the mainmast, came through, cutting off the iron brace, which is six inches wide and one inch thick, and lodged in some bags of sand, placed to protect the steam drum. This shot was fired from the ram.

6. A shot on the quarter, came through the plank timber, iron brace, and ceiling, crossed the wardroom diagonally, striking the mizzen-topsail sheet bitts, cutting it in two, and scattering the splinters all around, destroying the wood work to a very great extent; it then struck the ceiling on the port side, and a hanging knee, and fell on deck.

7. On spar-deck, a shot struck in the head, on starboard side, going through the bowsprit, and passing out of the head on port side, shattering the wood work all around.

8. A shot on port side, abreast the foremast, cutting the rail in two, and passing off without further damage.

9. A shot on starboard side, just abaft fore channels, came through, and disabled gun on port side; striking the breach of the gun, it glanced and struck the axletree, and went through the spar-deck, and lodged there.

10. A shot on port side, abreast the mizzenmast, and carried away the boat davits, timber heads, rail planks, outside and inside, shattering the wood to a great extent, and damaging the gun on the outside.

11. A shot came through the bows of port quarter-boats, and went through the hammock netting on starboard side, carrying away the rail and bulwarks.

12. A shot on the starboard quarter, came through, and crossed through the deck, diagonally, and went through the rail on port side, tearing away the bulwarks considerably, demolishing the starboard water-closet, and doing other injury.

13. A shot on port quarter, cutting through the plankshear of the poop, cutting off sixteen planks of the deck, and passed underneath, and out of the starboard, through the port shutter.

14. A shot struck the kedge anchor, hanging to the port main brace bump-pin, and broke it off just below the stock, scarifying the side. The mizzen-topsail sheet bitt on the starboard side was struck by a piece of shell, and the brass cover broken.

15. Outside. We were struck by an iron-clad ram, just forward of the main-

mast, crushing in three planks, and driving in the links of the chain (which we had hung over the side for the protection of our engine) into the side. The extent of this injury we could not ascertain, but think it is serious.

16. A shot under the transom starboard side cut off three planks, and started a fourth out about four or five feet, and the shot remained there. This is a very serious injury, as much so as any we have received.

All these shots were received in the attack upon the lower forts. In the engagements with the batteries below the city we received the following injuries :

1. A shot on the starboard bow, came through, and lodged in a quantity of rigging stowed in the sick bay. The extent of injuries we could not ascertain.

2. A shot struck the starboard cathead, shattering it, and injuring the rail forward of it.

Our fore-topsail yard is badly injured.

We are, very respectfully, your obedient servant,

GEO. DEWHURST,

Acting Master, United States Navy.

THOS. PICKERING,

Acting Master.

W. D. FOY, *Carpenter.*

Captain THOMAS T. CRAVEN,

Commanding United States Steam-Sloop Brooklyn,

off New Orleans, Louisiana.

Approved :

THOS. T. CRAVEN, *Captain.*

UNITED STATES STEAM-SLOOP BROOKLYN,

Off New Orleans, April 26, 1862.

SIR : The following is a report of the losses in the boatswain's department in the actions of April 24 and 25 :

Both mainstays shot away.

One shroud, main rigging, shot away.

One shroud, fore rigging, shot away.

Bowsprit shrouds shot away.

Jib and flying jib-stays shot away.

Catfall and shank pointer on starboard side shot away.

Starboard fore-topsail sheet shot away.

Three coils of cordage destroyed in storeroom. A shot is now lodged in the rigging, barricaded in the "sick bay." No doubt a great deal of the gear is cut, but how much cannot be ascertained until it is broken out.

Main brace shot away.

Kedge anchor on each quarter shot away, with sixty fathom five-inch hemp hawser shot away.

Main brace block shot away.

Three laniards, mizzen rigging, shot away.

One shroud, mizzen rigging, shot away.

I am, very respectfully, your obedient servant,

JOHN A. SELMER,

Acting Boatswain, United States Navy.

Captain THOMAS T. CRAVEN,

Commanding United States Steam-Sloop Brooklyn.

Approved :

THOS. T. CRAVEN, *Captain.*

Report of Commander S. Phillips Lee, commanding United States steam-sloop Oneida.

UNITED STATES STEAM-SLOOP ONEIDA,
New Orleans, April 26, 1862.

I report the part borne by the *Oneida* during the actions on the morning of the 24th, between 3 and 6 a. m., with Fort Jackson and Fort St. Philip and the rebel gunboats, and in the battle of New Orleans, at noon on the 25th.

ACTION WITH FORTS JACKSON AND ST. PHILIP.

The *Oneida* was, under your order, the fourth in line ahead in the leading division, which was instructed by you to pass on the Fort St. Philip side and not to fire the port battery. Hence the port 32s were shifted to, and our pivot guns trained on the starboard side.

The enemy's fire was very heavy, and began from both forts as soon as we got within long range of their guns, which was on opening the point a mile and a half below Fort Jackson.

I found it necessary, until past the forts, to pilot and to direct all operations from the forecastle after nearing the opening in the barrier, where the Mississippi (our next ahead) seemed at a stand as if aground, on the Fort St. Philip side, when she commenced firing her port battery.

This obstruction to our passage was removed, as, caught by the current on the starboard bow, the Mississippi shot over to and rather down on the Fort Jackson side. Then the Varuna (our next astern) appeared on our port side and showed black smoke. The *Oneida* was steered in for the Fort St. Philip side, passed up quickly in the strong eddy, and close under the guns of that fort, (so that the sparks from its immense battery seemed to reach us,) fired rapidly bolts from two rifled guns, (we had no shell for them,) grape and canister from the forward 32s, and shrapnell from the two 11-inch pivot guns, whilst passing this long line of works. (It was, perhaps, the burning of the sulphur in our 11-inch shrapnell which occasioned the officers in Fort St. Philip to inquire, after the surrender, if our shells were not filled with Greek fire.)

The terrific fire from the heavy batteries of Fort St. Philip passed over us' their guns seeming to be too much elevated for our close position.

ACTION WITH THE GUNBOATS.

When just above the forts we encountered the gunboats and transports of the enemy. The former, it seems from the subsequent reports of our prisoners, were tied to trees along the steep bank above Fort St. Philip; thence passing over to the Fort Jackson side, these gunboats came down to meet us. It was very thick from darkness and smoke. We had now got on the Fort Jackson side. A flash revealed the ram Manassas, gliding down our port side below our guns, and passing too close and swiftly, aided by steam and the current, to enable us to bring our heavy guns to bear on her. Next came a gunboat quite near, and passing from the Fort Jackson to Fort St. Philip side, across our bow. Ran into it with a full head of steam, and cut it down with a loud crash on its starboard quarter. Clear of our guns in a moment, it drifted down stream in the darkness. We now slowed down, and afterwards used the steam as necessary to get or keep position in fighting the gunboats, firing right and left into them as we could ascertain (from other indications than black smoke, on account of the Varuna) that we were not firing into one of our steamers; forebore to fire into those steamers that appeared to be river transports, and ceased firing into others when they made no return.

In this manner we fired into and passed several rebel boats on the right bank, leaving it for those who came after to pick up the prizes. A black gunboat with two masts—a converted sea steamer—ran ahead after a brief contest. At or near daybreak we found the Cayuga on our port side. After consultation with Captain Bailey, we concluded to wait for the fleet to come up and form in order. Captain Bailey afterwards hailed that the Varuna might be ahead. Looked for her but could not make her out, and received reports from the first lieutenant and the officer on the forecastle that she was not in sight. When we had steamed a mile or more ahead of the Cayuga, saw her general signal No. 80, but as there was nothing in sight of us needing assistance, supposed the signal to refer to some vessel astern of Cayuga. Moving ahead, reconnoitring, came up with what in the gray of the morning appeared to be a fort, but what, on nearer approach, proved to be a rebel camp on the right bank, with a large rebel flag flying over it. Fired into it, but no reply was made, no one was seen moving, and the camp seemed deserted. Passed on, leaving the trophy flag flying, and soon received a report that the Varuna was ahead, and that the enemy was trying to board her. Went ahead with all speed to her assistance. Approaching rapidly, saw the Varuna ashore on the left bank of the river, where she had been driven by two rebel gunboats. At 5.30 a. m. fired on one of them, the black gunboat, our previous acquaintance, with the forecastle rifle gun. He had hoisted his jib (his wheel-ropes being gone) and was trying to escape up river, but both rebel gunboats, finding they could not get away, ran on shore—the black one, which proved to be the Governor Moore, Commander Kennon, on the left bank, above the Varuna, and the ———, (name yet unknown,) on the right bank, opposite the Varuna, with her head up stream. After we had driven them ashore their crews deserted, but not before setting fire to their vessels.

With our boats, captured Commander Kennon, (formerly of our navy,) one first lieutenant of artillery, one chief engineer, and fourteen of the crew of the Governor Moore; also, a rebel signal-book and some official papers, showing that the rebel gunboats were ordered to ram our vessels and to distinguish themselves by showing lights, which they must soon have found prudent to haul down. Seeing that the Varuna was sinking, sent our boats and went to her assistance. Brought on board Oneida the first lieutenant, two acting masters, two mates, and forty petty officers and seamen of the Varuna, and sent ten others, seven of whom were wounded, to the Pensacola.

The Varuna had been rammed and badly stove by both of these rebel gunboats, which had kept with or after her up river, and she was filling, with her magazine flooded, when the Oneida drove off her assailants, prevented her officers and crew from being captured, and was received by them with loud and hearty cheers.

The Cayuga, (Captain Bailey's flag,) also cheered the Oneida heartily for opportunely coming to his support that morning.

BATTLE OF NEW ORLEANS.

In the action of the 25th, the Oneida, being next to the Pensacola, shared in the actual engagement with Fort Chalmette, on the famous old battle-ground. The entire action lasted but 10 minutes.

The enclosed report of the surgeon shows the extent of our loss to be but three persons slightly wounded in these three actions.

Fort Jackson sent a heavy shell through our port side and coal bunker, (which was full of coal,) the shell falling, and fortunately, without exploding, on our berth-deck.

The gunboats gave us one glancing shot on the starboard bow and a quantity of grape, mostly on the starboard side.

The officers and men of my command displayed courage, coolness, and skill

I have the honor to be, sir, very respectfully, yours,

S. PHILLIPS LEE,

Commanding.

Flag-Officer D. G. FARRAGUT, U. S. N.,

Commanding Western Blockading Squadron.

Report of Commander Samuel Swartwout, United States sloop-of-war Portsmouth.

UNITED STATES SLOOP-OF-WAR PORTSMOUTH,

Off Pilot Town, Mississippi River, April 28, 1862.

SIR: In compliance with your orders, I got under way at 3.30 a. m. on the 24th instant, and proceeded toward Fort Jackson, in tow of the steamer Jackson, for the purpose of enfilading that fort, to draw their fire from your squadron whilst passing by. Upon arriving at the position designated by you in your directions to Lieutenant Johnson, I ordered the ship to be anchored, and had a spring run out, to breast her broadside to. I had scarcely accomplished this when a very brisk and galling fire, with shell and solid shot, was opened upon the ship from a masked water battery only a few hundred yards distant, and so completely concealed from our view that we could only judge of its location by the flashes from the rebel guns. We returned their fire with as much precision as we could under the circumstances, but with what effect I have been unable to ascertain. After firing one round from my port battery and four rounds from my Parrott gun, the spring was shot away, and the ship swung around, so that I was unable to bring any of my guns to bear upon Fort Jackson or the water battery. By this time the rebels had got their range, and were dropping their shell and shot with great rapidity all around and close to the ship, many of them cutting away the rigging just above our heads. A 68-pounder solid shot was thrown on board, falling upon the spar-deck, just under the top-gallant fore-castle, tearing away the plank about ten feet, splitting one of the beams, and in its passage striking John Hancock, seaman, in the left leg, shattering it so much as to render amputation necessary. He has since died of his wound. Finding that the ship was a target for the enemy's batteries, without being able to bring my guns to bear, and, as the squadron had passed the forts, the object of my visit was accomplished, I reluctantly gave the order to slip the cable, and was soon drifted out of range of the rebel guns by the wind and tide. I cannot speak in too high praise of the bravery, coolness, and subordination of the officers and crew upon this trying occasion.

Commander Porter called to see me on the afternoon of the 24th instant, and, upon consultation, we decided that the most judicious course would be for all the vessels, with the exception of a few of his most powerful steamers, to drop down to this anchorage, under my protection, so that in case any of the rams and fire-rafts should escape his steamers this ship could arrest their progress here.

Having received the glorious tidings to-day that Forts Jackson and Philip have surrendered to Commander Porter, I have concluded to proceed up the river again, in order to recover, if possible, the cable and anchor which I slipped on the 24th instant, and also to render all the assistance in my power. I have just received intelligence from Ship island that Lieutenant Commanding Abner Read, of the steamer New London, is in a critical situation, as there are five

rebel steamers preparing to attack him. I will therefore order one of our gunboats to proceed with all despatch to his assistance.

Very respectfully, your obedient servant,

S. SWARTWOUT, *Commander.*

Flag-Officer D. G. FARRAGUT,

Commanding United States Naval Forces, Western Gulf of Mexico.

UNITED STATES STEAMER MISSISSIPPI,
Mississippi River, April 26, 1862.

SIR: I have to report that the injuries sustained by this ship in the engagements of the 24th and 25th instant with Forts Jackson and St. Philip, the rebel gunboats, the ram Manassas, and the batteries below the city of New Orleans, are not of a very serious nature.

Ten shots were received, eight of which passed entirely through the ship. The ram Manassas likewise inflicted an extensive wound on the port quarters, below the water line. All these injuries can be temporarily remedied, with the exception of the latter, and the severe damage done to the outer shaft-bearing and mizzen mast. I regret exceedingly that my disabled machinery, and a burning steamer that was drifting down upon us, did not allow me to take the Manassas in tow after her surrender, thereby preserving her in intact for our own use, as the engines were still in operation when my boats, with an engineer and crew, boarded her. At this time it became necessary to recall my boats, when I directed her to be set on fire, and then so riddled her with shot that she was dislodged from the bank and drifted below the forts, when she blew up, and sank.

I respectfully refer you to the accompanying report of Surgeon R. F. McCoun for the casualties that occurred among the crew, and to the enclosed statements of the carpenter and gunner of the damages to the vessels and the expenditure of ammunition.

I have much pleasure in mentioning the efficient service rendered by Executive Officer Geo. Dewey, who kept the vessel in her station during the engagement, a task exceedingly difficult from the darkness and thick smoke that enveloped us from the fire of our vessel and the burning gunboats.

I would also refer, in terms of praise, to the conduct of all the officers and men under my command. As I consider that all the vessels under fire did their utmost to subdue the enemy and destroy his defences, I deem it unnecessary to enter into any further detail of the exploits performed by the Mississippi, as we all must share alike in the honor of your victory.

Very respectfully, your obedient servant,

MELANCTON SMITH,

Commander United States Navy.

Flag-Officer D. G. FARRAGUT,

Commanding Western Division, Gulf Blockading Squadron.

UNITED STATES STEAMER MISSISSIPPI,
Mississippi River, April 26, 1862.

SIR: In obedience to your order, I have to report the following injuries received by this ship in the engagements with Forts Jackson and St. Philip, gunboats, rams, &c., on the 24th and 25th instant, viz:

A shot on starboard side, through quarter ports, carrying away after frame

and a portion of berthing up, going through the ship and carrying away mizzen channels on port side; a shot on starboard quarter, alongside the after air-port, passing through the ship, between two after air-ports on port side; a shot through starboard hammock nettings; starboard guard injured by a shot in forward part; a shot under guard beam, carrying away a large portion of same; a shot through upper part of starboard wheel-house, carrying away the A brace; a shot under centre of fore-channels, one foot above the copper on port side, and landing on the engine room floor; a shot in hammock nettings, in wake of mainmast; two shots through first cutter, on port side, in wake of mainmast; a shot through mizzen mast, twelve feet above the deck. Injuries received by the ram on port quarter, cutting four streaks of plank seven feet long, and, in some places, four inches deep, and the heads of fifty copper bolts.

On the 26th, by collision, lost jib-boom and whiskers.

I am, sir, very respectfully, your obedient servant,

JOHN GREEN, *Carpenter.*

Commander MELANCTON SMITH,

Commanding Mississippi.

Report of Commander Charles S. Boggs, United States steamer Varuna.

UNITED STATES STEAM GUNBOAT CAYUGA,

At sea, May 8, 1862.

SIR: I have the honor to enclose herewith a duplicate of the report of Commander Boggs, late of the Varuna, and attached to my division of the attacking force. This gallant officer came up to my support when I had more of the enemy's steamers attacking me than I could well attend to. I afterwards saw him in conflict with three of the enemy's steamers, and directed Commander Lee, of the Oneida, to go to his support, which he did in the most dashing manner.

Commander Boggs's description of the loss of his vessel I believe to be accurate. I saw him bravely fighting, his guns level with the water, as his vessel gradually sank underneath, leaving her bow resting on the shore and above water.

I have the honor to be your obedient servant,

T. BAILEY, *Captain.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

UNITED STATES GUNBOAT CAYUGA,

May 5, 1862.

SIR: I have the honor to enclose a copy (with slight verbal alteration) of the very hasty report drawn up at the last moment and sent to the flag-officer. My absence on special duty immediately after the action, and the necessity of forwarding it immediately, before the sailing of this vessel, must be my excuse for not forwarding it through you, my immediate commander, who so gallantly led the van of the division to which the Varuna was attached.

Very respectfully,

CHARLES S. BOGGS,
Commander United States Navy.

Captain T. BAILEY,

Commanding First Division of Gunboats.

UNITED STATES STEAMER BROOKLYN,
Off New Orleans, April 29, 1862.

SIR: I have the honor to report that, after passing the batteries with the steamer Varuna, under my command, on the morning of the 24th, finding my vessel amid a nest of rebel steamers, I started ahead, delivering her fire, both starboard and port, at every one that she passed. The first on her starboard beam that received her fire appeared to be crowded with troops. Her boiler was exploded, and she drifted to the shore. In like manner three other vessels, one of them a gunboat, were driven ashore in flames, and afterwards blew up.

At 6 a. m. the Varuna was attacked by the Morgan, iron-clad about the bow, commanded by Beverly Kennon, an ex-naval officer. This vessel raked us along the port gangway, killing four and wounding nine of the crew, butting the Varuna on the quarter and again on the starboard side. I managed to get three eight-inch shells into her abaft her armor, as also several shots from the after rifled gun, when she dropped out of action partially disabled.

While still engaged with her, another rebel steamer, iron-clad, with a prow under water, struck us in the port gangway, doing considerable damage. Our shot glanced from her bow. She backed off for another blow, and struck again in the same place, crushing in the side; but by going ahead fast, the concussion drew her bow around, and I was able, with the port guns, to give her, while close alongside, five eight-inch shells abaft her armor. This settled her, and drove her ashore in flames. Finding the Varuna sinking, I ran her into the bank, let go the anchor, and tied up to the trees.

During all this time the guns were actively at work crippling the Morgan, which was making feeble efforts to get up steam. The fire was kept up until the water was over the gun-trucks, when I turned my attention to getting the wounded and crew out of the vessel. The Oneida, Captain Lee, seeing the condition of the Varuna, had rushed to her assistance, but I waived her on, and the Morgan surrendered to her, the vessel in flames. I have since learned that over fifty of her crew were killed and wounded, and she was set on fire by her commander, who burned his wounded with his vessel.

I cannot award too much praise to the officers and crew of the Varuna for the noble manner in which they supported me and their coolness under such exciting circumstances, particularly when extinguishing fire, having been set on fire twice during the action by shells.

In fifteen minutes from the time the Varuna was struck she was on the bottom, with only her top-gallant forecastle out of water. The officers and crew lost everything they possessed, no one thinking of leaving his station until driven thence by the water. I trust the attention of the department will be called to their loss, and compensation made to those who have lost their all.

The crew were taken off by the different vessels of the fleet as fast as they arrived, and are now distributed through the squadron. The wounded have been sent to the Pensacola.

I would particularly commend to the notice of the department Oscar Peck, second class boy, and powder boy of the after rifle, whose coolness and intrepidity attracted the attention of all hands. A fit reward for such services would be an appointment at the naval school.

The marines, although new recruits, more than maintained the reputation of that corps. Their galling fire cleared the Morgan's rifled gun, and prevented a repetition of her murderous fire. Four of the marines were wounded, one I fear mortally.

So soon as the crew were saved I reported to you in person, and within an

hour left in the only remaining boat belonging to the Varuna, with your despatches for General Butler, returning with him yesterday afternoon.

Very respectfully,

CHARLES S. BOGGS,
Commander United States Navy.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

Report of Lieutenant C. H. Swasey, executive officer of United States steamer Varuna.

UNITED STATES STEAMER BROOKLYN,
Off New Orleans, April 29, 1862.

SIR: In accordance with your request, I beg leave to submit the following report:

On the night of the 24th, after all hands had been called to quarters, I visited the different divisions to see that all the men were at their stations and ready for action. From the time of lifting our anchor until we arrived at the forts the men were quiet and orderly at their stations. When abreast of the forts we fired the starboard battery, in broadside, then loaded with five-second shell. After the first discharge we loaded and fired with grape and cannister, as rapidly as possible, according to orders received from you.

On arriving above the forts, and clear of their fire, we found ourselves among a number of the enemy's gunboats, which commenced at once to open fire on us. The order was then given to "work both sides," and to load with grape. Our guns were trained for extreme lateral train forward, and as we brought them to bear successively on the enemy's vessels, ranged in succession on either side of the river, we fired, the guns having been first pointed with the greatest care. As far as my own observation showed me, in no case did we miss the object aimed at, and the effect of our firing seemed to keep the enemy aloof. During all this time the forward and after pivots were doing all in their power to injure the enemy. Finding that we were getting too far from the enemy for the use of grape, we loaded with five-second shell and fired. One of these shells struck a steamer, and, bursting, carried away his port wheel-house and exploded his boiler. Three other steamers were set on fire and driven ashore by our shells.

We had passed nearly through the fleet of the enemy's gunboats when we discovered one of them, then engaging the Oneida, heading for us, apparently with the intention of running us down. Owing to the small amount of steam we then had (17 pounds) he soon began to come up with us, and finally struck us twice—once abreast the mainmast and again abreast the smoke-stack. He did not escape the second time without receiving the contents of the starboard broadside, which, as the captain afterwards told me, swept his decks of nearly every living object. Before striking us he fired his forward gun—a rifled 32-pounder—which raked our decks, killing three men and wounding several. Up to this time we had passed the forts and gunboats without having a single man injured, although the ship had been struck several times. The steamer that first struck us, I have since learned, was the Governor Moore, iron-clad on the bow, and commanded by Beverly Kennon, formerly a lieutenant in the United States service.

Hardly had we recovered from the shock of these two blows before we were struck on the port quarter by a vessel, the Stonewall Jackson, constructed for this purpose. We received so much injury from this blow, and we made so

much water, that it was impossible to keep the vessel afloat, and she was run ashore, and every effort made to save the wounded and crew, which I am happy to say was accomplished, with the friendly aid of the boats of the vessels then up with us.

Here let me pause for a moment, while we reflect upon the unadaptedness of a merchant-built vessel for war purposes, particularly such as the *Varuna* was called to take part in. Had we been built with that strength which all the other vessels possessed, and the need of which becomes more apparent to the mind of the naval officer each day, we would yet be afloat, off the city of New Orleans. Such vessels may, perhaps, do for the ordinary duties of a blockade, and I think it is yet a question whether they will or not; but certainly they are not fit to trust lives and property on, to engage works of the strongest magnitude.

The Governor Moore was subsequently run ashore and burnt by her commander, now a prisoner. There is no doubt that the effect of our shot and that of the *Oneida* forced him to this extremity. Nor did the other vessel get off without feeling the effect of our battery, as we fired into her twice. Of the extent of her injuries, I have not been able to learn; at any rate she ran ashore, and was burnt. Our ship kept up a continual fire on these two vessels until the water drove the men from their guns.

I desire to call your attention to a few of the officers and men whose conduct fell under my own personal observation. Acting Assistant Masters Childs and Leonard fought their guns with coolness and precision, and were never absent when required. I recommend them to your consideration, as well as Master's Mates Bevens and Foster, who fought with great bravery, being an example of coolness and determination to the men. Messrs. Blauvelt and Fitch deserve the greatest praise for the handsome manner in which they served their divisions. Mr. Henry, and in fact the whole engineer's department, should come in also for a full share of praise, as there was no possible delay, but each vied with the other to do his best. I would particularly recommend that Mr. Fortune be appointed in the regular service, for the prompt manner in which he delivered powder during the action. On the part of the men, I would call your attention to Bourne, McKnight, Martin, and Greene, captains of guns, who did their duty through the thickest of the fight with great coolness and danger to the enemy. Nor would I forget the two brave men, McGowan and Bradley, who stood at the wheel the whole of the time, although guns were raking the decks from behind them. Their position was one of the most responsible on the ship, and they did their duty to the utmost. George Hollat and *Oscar E. Peck* I desire also to mention, as deserving great praise. If any names have been omitted that should have been mentioned, it is not because they do not deserve such mention, but because their conduct did not fall under my immediate attention.

In conclusion, sir, permit me to congratulate you upon surviving this battle, than which, in my opinion, there is none more glorious in history, and on the handsome manner in which you handled your ship while passing the forts and while chased by the enemy. Your example, too, did much to help and encourage the crew during the action. Although you have lost your ship by an unavoidable accident, you have the consciousness of having done your duty to your country as far as lay in your power, and I hope she will reward you for it. Permit me to thank you for the many kindnesses received at your hands while under your command, and I desire to express the regrets of the crew at losing a commander under whom they enjoyed many pleasant hours.

Very respectfully, your obedient servant,

C. H. SWASEY,
Lieutenant and Executive Officer.

Captain CHARLES S. BOGGS,
Commanding United States Steamer Varuna.

Report of Commander John De Camp, United States steamer Iroquois.

UNITED STATES STEAMER IROQUOIS,
Off New Orleans, May 3, 1862.

SIR: I beg to submit the following report respecting our engagement with Forts Jackson and St. Philip and a fleet of rebel steamers and rams in this river, April 24th and 25th.

The Iroquois, being on picket duty during the night of the 24th, and being about one mile in advance of the squadron, we observed the signal for action made on board the flag-ship at about 3 a. m. Soon after, the ship of the first division having passed ahead, we fell into our place, astern of the Sciota, and stood towards the forts. At 4 a. m. we were hotly engaged with the forts, and shortly after a ram and the rebel gunboat McCrea came upon our quarter and astern of us and poured into the Iroquois a most destructive fire of grapeshot and langrage, part of which was copper slugs; a great many of them were found on our decks after the action. We succeeded in getting one 11-inch shell into the McCrea, and one stand of canister, which drove her from us. We suffered severely from the raking cross-fire of Fort St. Philip, but Fort Jackson inflicted no injury, although we passed within fifty yards of its guns.

Passing the forts, we were beset by five or six rebel steamers. We gave each a broadside of shell as we passed, and the most of them were entirely destroyed. Four miles above the forts we captured the enemy's gunboat No. 3, armed with one 24-pound brass howitzer, and well supplied with small arms, fixed ammunition, sails, &c. At this point we also captured about forty soldiers, including Lieutenant Henderson, of the rebel army. These men were paroled and landed at New Orleans. Some of them were so badly wounded that I sent them to the hospital without parole; they will not trouble us again very soon, I think. Anchoring, by order, at 9 p. m., we were again under way at daylight on the 25th, and, in company with the squadron, stood up the river. At Chalmette we encountered two rebel batteries, but their attempt to annoy us scarcely deserves the name of a battle. Some people on shore fired a few musket shots at us, but our marines soon dispersed them, and thus ended the battle of New Orleans.

The greatest praise I can bestow upon the officers of the Iroquois is to say that they all did their duty, and each one of them always expressed his determination to conquer. The crew and marines behaved with spirit and gallantry, which we may always expect in well-drilled Americans.

Our loss in killed and wounded, I am sorry to say, is large. One master's mate and five seamen and two marines are killed, and twenty-four wounded. Mr. George W. Cole, master's mate, was killed by a cannon shot, and he died bravely, shouting to the men not to mind him, but go on with their guns.

The Iroquois is badly injured in her hull, but her masts and spars are sound, except the bowsprit and jibboom. These are hit with large shot; all our boats are smashed, and the most of them are not worth repairs.

I am, most respectfully, your obedient servant,

JOHN DE CAMP,
Commander United States Navy.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron, New Orleans, La.

Report of Commander James Alden, United States steamer Richmond.

UNITED STATES STEAMER RICHMOND,
Off New Orleans, April 27, 1862.

SIR: In accordance with your instructions, I herewith enclose copies of the boatswain's and carpenter's reports of the damage done to this vessel by the enemy's shot during the engagement of Forts Jackson and St. Philip on the morning of the 24th instant. The list of casualties I have already forwarded to you; it is very small, there being but two killed and four wounded. Much injury to the men, I am sure, was saved by a carefully-prepared "splinter netting." At one point between the guns the netting was forced out to its utmost tension; indeed, large pieces of plank were thus prevented from sweeping the deck, and perhaps destroying the men at the guns. I would therefore recommend that, in our future operations, these simple "pain-savers" or "life-preservers" be adopted in the other ships of the fleet.

I must beg leave to call your attention to another simple and very effective expedient which was resorted to on board this vessel to obtain *light*—an element so essential in a night attack on board ship. The *deck* and *gun-carriages* were *whitewashed* fore and aft, and it was truly wonderful to note the difference; where before all was darkness now side-tackle, falls, handspikes, ammunition, and, indeed, everything of the kind about the decks, was plainly visible by the contrast. This idea being so novel, and, at the same time, effective, I trust it will receive, through you, the notice it deserves, so that when others are driven to the *dire necessity of a night attack* they may have all the advantages the discovery insures.

We had much difficulty in groping our way through that "fiery channel," our ship being so slow, and the enemy was met in the "worst form for our profession," but the hand of a kind Providence gave us the victory. No men could behave better throughout that terrible ordeal than the crew of this vessel did. My thanks for support are due to them and the officers generally. I am especially indebted to Mr. Terry, our second lieutenant, for his ready and intelligent aid in the management of the ship during the action; but to Mr. Cummings, our first lieutenant, are mainly due, as far as this ship is concerned, the handsome results of that morning. By his cool and intrepid conduct the batteries were made to do their whole duty, and not a gun was pointed nor a shot sent without its mark. My thanks are due to Mr. Bogart, my clerk, who took the place of Mr. John B. Bradley, master's mate, who was shot down at my side while gallantly performing his duty as my aid.

I am, sir, respectfully, &c.,

JAMES ALDEN, *Commander.*

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

UNITED STATES STEAMER RICHMOND,
Off New Orleans, April 27.

SIR: I have the honor to report the following injuries to our rigging in the action of the 24th instant: Two shrouds, port main rigging, cut through by shot; one shroud, starboard rigging, cut through by shot; one shroud, port fore rigging, cut through by shot; one main-topmast backstay cut through by shot; one mainstay, (slightly,) stranded by shot; one connecting link of screw, main-topmast backstay, shot away; one catfall and block shattered by a shot; one

ring-stopper, (chain,) shot away; one fore pendant tackle, upper block, shot away; one main trysail halliards shot away.

Respectfully, &c., &c.,

ISAAC T. CHOATE, *Boatswain*.

Lieutenant A. B. CUMMINGS,

Executive Officer, Steamer Richmond.

UNITED STATES STEAMER RICHMOND,

New Orleans, April 27.

SIR: I beg leave to state the damage sustained by this vessel in the action of the 24th instant: One shot carrying away billet head with six feet of head rail on starboard side; one shot shattering stern badly from water-line four feet up, cutting three planks entirely off, and starting five planks on port side; one shot on starboard bow one foot above water-line, tearing off three feet of planking, breaking timber and ceiling, and lodging in ship's side; one shot under No. 1 gunport, passing through between decks, tearing off four feet of ceiling, and shattering carline in upper deck; one shot passing through between decks under No. 4 gunport, splintering stanchion and shattering pump case; one shot shattering main rail over No. 1 gunport; one shot at main-chains, breaking main rail entirely off, shattering hammock rail and netting, and striking main-mast; one shot cutting main rail entirely off over No. 9 gunport; one shot on starboard side under No. 8 gunport against chain cable, bursting two links, and lodging in ship's sides; one shot forward side of gunport No. 10, shattering stanchion and ceiling; one shot two feet above water-line, under starboard quarter, passing through timber and exploding, tearing off ceiling, tearing up water-closet and berth-deck, and starting off eight planks from timbers at water-line; fragments of shell passing through bulwarks on starboard quarter, and breaking sash and blinds in cabin door; one shot in port quarter, striking and shattering timber of propeller-well; one shot in fore yard, cutting it half off in starboard quarter; four shots not doing any material damage. Since writing the above I find the smaller chain was broken by a fragment of a shell. The shot that burst the large chain was a 32-pound shot, which was broken by the concussion. There are also several musket balls found in the boat and ship's side.

Respectfully, &c.,

H. L. DIXON, *Carpenter*.

Lieutenant CUMMINGS,

Executive Officer, Steamer Richmond.

Report of Lieutenant Commanding Edward T. Nichols, United States gunboat Winona.

UNITED STATES GUNBOAT WINONA,

New Orleans, April 30, 1862.

SIR: I beg leave respectfully to present the following report of the operations of this vessel in the engagement with Forts Jackson and St. Philip on the morning of the 24th instant:

After getting under way, I took my station as soon as possible in the line, astern of the Itasca, and followed her red light, but suddenly found myself involved in a mass of logs and drift stuff, held by the chain and moorings of the hulks. Whilst trying to back clear the Itasca backed and fouled me on the starboard bow. After a delay of from twenty minutes to half an hour, I

proceeded on my way, though I felt pretty sure that the bulk of the fleet had passed. Day was breaking fast, and my vessel was brought out in bold relief against the bright sky, presenting a fair mark for the gunners of the fort. Fort Jackson fired at me as I approached, and the first gun killed one man and wounded another; the third or fourth gun killed or wounded every man at the rifle gun, except one. Judging that the burning raft was on the Fort Jackson side, I steered to pass it on the port hand, and did not discover my error until the whole lower battery of Fort St. Philip opened on me at less than point blank range. Steering off with starboard helm, I shot across to the Fort Jackson side, but, owing to the obscurity caused by the smoke, got so close to the shore that I had no room to turn head up stream, and was forced to head down. At this time both forts were firing nearly their entire batteries at me. It would have been madness to attempt turning again in such a fire; three of my men were killed, four severely wounded, and one slightly so, the vessel hulled several times, and the deck wet fore and aft from the spray of falling shot.

It was with reluctance that I gave the order to head down stream and run out of the fire, first ordering the officers and crew to lie down on deck. I cannot, sir, speak too highly of the conduct of all on board. My orders were obeyed with alacrity, and (considering the suddenness of the fire opened on us from Fort St. Philip, and the naturally depressing effect produced by the fatality of the first few shots,) with but little confusion. Mr. Walker, the first lieutenant, was very active and vigilant, and gave his personal attention in every part of the vessel—he was slightly wounded in the ear. Permit me, sir, to call your attention to the conduct of Acting Master's Mate William F. Hunt, in charge of the rifle gun—it was admirable. He assisted in working his gun, as his crew was weakened, and remained at it after none were left, until ordered from the forecastle by me. Four of my wounded men are in the hospital at Pilot Town; the dead I buried on the left bank of the river, a short distance below our late anchorage.

Since the 24th I have been acting under the orders of Commander Porter, and on the 28th I had the satisfaction of receiving the surrender of Fort St. Philip and hoisting in its proper place once more the flag of our country. I was unfortunate, sir, in not passing the forts, but, I trust, not censurable.

I am, sir, very respectfully, &c.,

EDWARD T. NICHOLS,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Blockading Squadron, New Orleans.

Report of Lieutenant Commanding George H. Preble, United States gunboat Katahdin.

UNITED STATES GUNBOAT KATAHDIN,
At anchor off New Orleans, April 30, 1862.

SIR: It gives me pleasure to report that, in the passage of the forts on the morning of the 24th, and the engagement with the defences of New Orleans on the 25th, as well as on previous occasions when on advanced guard duty, and exposed to the deliberate fire from the rifled cannon of the enemy, the officers and crew of this vessel have shown a bravery and cool determination worthy of all praise. While exposed to the iron hail rained over us from both forts, and the simultaneous fire of the enemy's gunboats on the 24th, not a man flinched from his gun or hesitated in the cool performance of his duty. Where all performed so well it is, perhaps, invidious to particularize. I may mention,

however, as coming under my immediate notice, the deliberate way in which the first lieutenant, Mr. Green, gave his general superintendence to the serving and supplying the guns, and the other duties assigned him, and the cool, collected manner in which Acting Master W. H. Polleys conned the ship between the forts and throughout, giving his orders to the helm as promptly, decidedly, and coolly as when piloting the vessel to a usual anchorage. Acting Master George Harris, in charge of the pivot gun, and Acting Master's Mate J. H. Hartshorn, in charge of the Parrott rifle gun, did their best to annoy the enemy.

At the most critical moment of the passage, and when exposed to the fire of both forts, the fire of our pivot gun was embarrassed and delayed by the shells jamming in the gun, their sabots being too large to fit the bore. As many as five shells were passed up before one could be found to fit the gun. Two became so jammed that the shells were torn from the sabots before they could be extracted, and the sabot of one had to be blown out and the gun reloaded. Mr. Harris, the master in charge of the pivot gun, attributes this serious fault, first, to the swelling of the light wood of the too nicely-fitted sabot in the damp climate of this Gulf; and, second, to the shells being packed in bags instead of boxes, which allows of the sabots getting bruised even with the most careful handling.

The station assigned this vessel, close under the stern of the *Varuna*, I maintained until the dense canopy of smoke from the cannonade, aided by the night, hid everything from our view. I ordered full speed, however, to maintain my station; and seeing, by the flash from her broadside, that we were passing the *Mississippi*, I gave orders to cease firing for a time until we had passed her, when I became engaged with the enemy's gunboats. Above the forts we passed along the broadside and within fifty yards of the iron-plated battery *Louisiana*, lying at anchor. To our surprise she did not fire at us, though she could have blown us out of water. After passing her, I directed to keep the vessel off, and give her a shot from the 11-inch pivot and Parrott, which was done, and, as I have since learned from one on board of her, with good effect, tearing a hole the size of the shell through and through the iron plating of her bow.

Until beyond the fire of the forts, Acting Assistant Paymaster Ladd attended in the wardroom to give his assistance to the surgeon, but later volunteered his services in boats, and brought off to the ship refugees from the burning gunboats and the shore; he assisted, also, in disarming that portion of the *Chalmette* regiment which surrendered, and was encamped opposite the quarantine.

I am happy to have no casualties to report, and that the surgeon, though ready, had no opportunity to testify his skill on board. Several of the men had their clothing torn by shot or fragments of shell, but not a man was even scratched. At the request of Captain Bailey, Dr. Robinson went on board the *Cayuga* after the action, where he rendered efficient service to her wounded. The vessel, also, escaped without serious injury. One shell passed through the smoke stack and steam-escape pipe and burst, making a dozen small holes from the inside outward, and another has cut about four to six inches into the foremast, while the same or another cut the foresail and some of the running rigging about the foremast, which is all the damage sustained. I attribute our escaping with so little injury to our being near the head of the line, to the rapid manner in which we passed the forts, and to our passing so close under the forts that all their shot went over our heads. I believe, also, that for a time the fire of Fort St. Philip was silenced. The two shots we received, however, were from that fort.

On the arrival of the fleet at New Orleans, seeing the schooner *John Gilpin* lying at the levee on the *Algiers* side, loaded with cotton, and surrounded by burning vessels and sunken docks, and fearing she might be fired, I boarded her and hoisted the American flag at her masthead, and brought her captain, Archibald Forsaith, (whom you afterwards released on parole,) on board as a hostage for her safety and future delivery, not deeming it prudent or safe to put a small prize crew in possession. Captain Forsaith claimed that his vessel was

British property, and that his papers were in the English consulate, but acknowledged that she was intended to run the blockade. In passing down the river since, I have noticed that a portion, if not all, of her deck load of cotton, and perhaps her remaining cargo, has been removed. Captain F. stated to me that she had 265 bales of cotton on board.

In conclusion, flag-officer, allow me to congratulate you upon the success which has attended this "running of the forts," beyond a doubt the most brilliant and daring achievement of the war.

Very respectfully, your obedient servant,

GEO. HENRY PREBLE,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

Report of Lieutenant Commanding C. H. B. Caldwell, United States gunboat Itasca.

UNITED STATES STEAM GUNBOAT ITASCA,
Pilot Town, Mississippi River, April 24, 1862.

SIR: Agreeably to your instructions, I proceeded up the river, in the boat furnished from the Hartford, to make a final reconnoissance of the schooners on the west bank of the river, and a careful examination as to the chains that were originally stretched from them to the schooners on the starboard side, one of which we ran on shore on the night of the 20th. I succeeded in reaching them after a long, fatiguing pull against the current, without opposition or discovery, although we were directly in range between the forts and a fire lighted on the opposite shore to illuminate the reach across the river, and I could distinctly hear the voices of the rebels at Fort Jackson, as they were busily engaged in some outside work. I found two of the three schooners on shore, and the outside one riding head to the current, with a number of chains hanging from her bow. I passed ahead, leaving her fifty yards on the port hand, and dropped over a deep-sea lead, veering to twelve fathoms of line. We then lay on our oars and drifted down the stream, without feeling any obstructions. We found all the booms attached to the in-shore schooners, and a number of rafts in-shore of them, aground; the outside schooner was entirely clear. Returning, I stopped alongside of the outside schooner on the east bank, and dropped the lead over, with fifteen fathoms of line, floating by within twenty yards of her.

Having satisfied myself fully, by these and other observations, that no obstructions whatever existed, and that the chains we slipped on the night of the 20th had disarranged and almost destroyed the whole apparatus for preventing our passage up the river, and that the condition of things was precisely as I had previously reported, and that the whole fleet could safely pass, I made with confidence and inexpressible satisfaction, on my return, our preconcerted signal that the channel was clear and everything propitious for the advance of the fleet.

I regret to be obliged to state that my progress afterwards with the fleet was attended with serious misfortune and disappointment. On arriving abreast of Fort Jackson a storm of iron hail fell over and around us from both forts, which was continued without intermission while we were under their guns. A number of shots took effect, several passing through us. One, a 42-pound shot, passed through the port side, a coal-bunker full of coal, iron-plate bulkhead, and entered the boiler, making a large hole, and breaking the dry-pipe therein; from this hole the steam rushed in a dense cloud, filling the fire and engine room, and driving every one up from below, and almost suffocating those on the quarter-deck.

The loss of our motive power having destroyed our efficiency and left us almost helpless, I ordered every man to throw himself flat on the deck, the helm put hard a-starboard, and, turning, floated down the river. When out of range of the forts I ordered the pumps manned fore and aft, and our deck was soon several inches deep with water, which was pouring, also, out of every scupper. Supposing the ship to be in a sinking condition, I ran her on shore below the mortar fleet, where I remained until I satisfied myself that the leak was not as bad as I had at first supposed, and then hauled off and anchored.

I am happy to state that but three men were injured during the engagement—two firemen, scalded by the steam, and the captain of the hold, wounded in the head by a splinter. I have received fourteen hits, as follows: three shot holes through the vessel below the deck, the plank-shear badly shattered, and four slight hits on the port side; one through the vessel below decks, and one through the bulwarks on the starboard side; one through the cutwater, grazing the bowsprit; one cutting away a davit span and shivering the jury mainmast, (the main gaff;) and one 8-inch shell exploded over the quarter-deck, driving a large piece through the port-signal locker and bulwarks. One shot took out of the port side a piece of plank three feet long, shivered five feet of the next plank, crushed all of the timbers in its passage, and split one knee; another shot-hole in the starboard side is nearly as bad.

Allow me, flag-officer, respectfully and sincerely, to congratulate you upon the glorious passage of the fleet, and to express to you the heartfelt sorrow and disappointment I felt that my disabled condition prevented my being a participant in its complete success; and to assure you it was owing to circumstances that Providence alone could control.

Very respectfully, your obedient servant,

C. H. B. CALDWELL,
Lieutenant Commanding.

Flag-Officer DAVID G. FARRAGUT,
Commander-in-Chief of Western Gulf Blockading Squadron.

Report of Lieutenant Commanding N. B. Harrison, United States gunboat Cayuga.

UNITED STATES GUNBOAT CAYUGA,
Mississippi River, April 24, 1862.

SIR: The following extract from the log will present to you, in the briefest form, the part borne by this ship in the conflict of this morning with Forts Jackson and St. Philip, and the rebel gunboats:

"At 2 a. m., in obedience to the flag-officer's signal, weighed anchor, and led the advance column toward the barrier, and stood up stream close to Fort St. Philip. At 3.45 both forts opened their fire. At 3.50 opened on Fort St. Philip with grape and canister. At 4 passed the line of fire of Fort St. Philip, and encountered some eleven gunboats, no supporting ships in sight. At 4.25 one steamer surrendered, and two more were driven on shore. At this moment discovered the Varuna and Oneida dash gallantly into the fight. At 5 anchored in front of Camp Lovell, and received the submission of Colonel Szymanski and his command."

We were struck 42 times. Both masts are so badly hurt as to be unfit for farther service. Our 11-inch Dahlgren carriage struck, but still fit for duty; the smoke-stack perforated, but not materially injured; all other damages have been repaired. I regret to add that six of our crew have been wounded, but so far the surgeon has made but one amputation.

It is needless for me to inform you, who had us under your own eye, that all did their duty fearlessly and well; but I must commend to your special notice my executive officer, Lieutenant George R. Perkins. The remarkable coolness and precision of this young officer, while aiding me in steering the vessel through the barrier and past the forts, under their long and heavy fire, must have attracted your attention. Of volunteer Acting Master Thomas H. Morton I must speak in terms of high praise. He fought the Parrott gun, and his daring example had a most happy effect on the crew.

I am indebted to Assistant Surgeon Edward S. Bogert, not only for his rapid and skilful attention to the wounded, but for his general officer-like bearing. My clerk, Mr. Charles M. Burns, jr., was of material assistance in communicating my orders. Our engines, although generally unreliable, were, on this occasion, worked successfully by Second Assistant George W. Rogers and his assistants. In conclusion, I must mention with praise the conduct of the following men: Charles Florence, captain of 11-inch gun; William Young, captain of Parrott gun; William Parker, at the wheel; Edward Wright, at the lead.

April 25.—I continue this report through the battles of to-day. At 11 a. m., being at that moment some half a mile in advance of the flag-ship, the batteries on either hand opened on us at short range. Being pivoted to port, I edged off with the port helm and responded with our 11-inch and Parrott, slowly but with great precision of aim. This unequal contest lasted just fifteen minutes, when the flag-ship ranged up in splendid style, diverting their fire and silencing the battery on the right bank.

We were again repeatedly hulled, and much cut up in spars and rigging, and the iron stock of the port anchor cut away. I lost no men; this I attribute to an order which I gave for the men to lie down flat during the time we could bring no gun to bear. To speak again of the constancy and devotion of my brave officers and crew would be to repeat an old story.

Respectfully,

N. B. HARRISON,
Lieutenant Commanding.

Captain S. BAILY,
*Commanding the Leading Division of Gunboats,
off New Orleans, Louisiana.*

Report of Lieutenant Pierce Crosby, commanding United States gunboat Pinola.

UNITED STATES STEAM GUNBOAT PINOLA,
Off New Orleans, April 26, 1862.

SIR: I have the honor to report that, in obedience to your signal on the morning of the 24th instant, after having passed your orders to the Pensacola and other vessels of the squadron, I took my position at 3.30 a. m. in line-of-battle next after the Iroquois, thinking the vessel which was to have preceded me had taken hers in advance, which I could not ascertain at that time, and followed on in line, passing so close to one of the enemy's hulks which had been used to hold the chain-rafts that one starboard quarter-boat was crushed against her sides; continued on our course, and as soon as Fort Jackson bore abeam of us, about four hundred yards distant, commenced firing with the 11-inch Dahlgren pivot and Parrott rifles at the flashes of the enemy's guns, that being the only guide by which to distinguish their position, which the fort answered promptly and rapidly, but, owing to our proximity, their shot passed over, with

the exception of two, one of which killed Thomas Kelly, captain of the fore-castle, slightly wounding Acting Master J. G. Lloyd, the other cutting away the launch's after-davit. I then ran over within one hundred and fifty yards of Fort St. Philip, from which we received a terrific volley of shot, canister, grape, and musketry, nearly all of which passed over us. The fire-rafts, which were burning very brightly, exposed us to the full view of the enemy, and enabled them to fire at us with great precision, while we were only able to answer their forty guns with the 20-pound rifles, the 11-inch pivot being engaged with Fort Jackson. Of those shot that struck us from Fort St. Philip, one entered our starboard quarter, cut away part of the wheel, and severely wounded William Acworth, quartermaster, who returned to his station as soon as his wounds were dressed. Acting Master's Mate William H. Thompson promptly took the wheel at the time of the disaster. The second entered the hull at the water-line on the starboard side, eight inches forward of the boilers, passed through the coal bunker, and lodged in the pump-well and cut the sounding-well in two. The third cut away the top of the steam escape-pipe. The fourth cut away the starboard chain cable from the anchor, passed through the bow and yeoman's storeroom, and lodged in the port side, starting off the outside planking. The fifth struck the topgallant fore-castle and carried away part of the rail. The sixth passed through the plankshear, abreast of the 11-inch pivot-gun. The seventh struck a barricade of hammocks forward of the forehatch. The eighth cut away one of the dead-eyes of the starboard fore-rigging. The ninth cut a bucket from the hands of Acting Master William P. Gibbs, in charge of the pivot gun. The tenth knocked the rammer from the hands of Henry Harrington, loader, who soon, with the assistance of the gun's crew, made a temporary one, the spare rammer having been lost overboard at the commencement of the action. The eleventh passed entirely through the hull, immediately over the magazine, demolishing completely in its course the dispensary and its contents. The twelfth passed through the starboard and lodged in the port side of the berth-deck. These two last-mentioned shot killed John Nolta and Robert H. Johnson, landsmen, and dangerously wounded Thomas Jones, wardroom steward; Thomas Ford, landsman; Henry Stokely, wardroom cook, and Thomas L. Smith, coalheaver, slightly; also, Thomas Foster, captain of the hold, who received dangerous and painful wounds from splinters while zealously performing his duty, completely disabling the powder division, there being but one man left to pass ammunition, with the exception of Acting Master's Mate C. V. Rummell, in charge of his division, who immediately gave his personal assistance, although he had been knocked down a few moments previous by splinters; and James A. Bashford was slightly wounded by splinters. A number of other missiles grazed our sides, doing, however, but slight damage. Immediately following the disaster on the berth-deck, it was reported to be on fire, whereupon the gunner's mate, J. B. Frisbee, instantly closed the magazine, he remaining inside. All traces of fire having been quickly extinguished by the fireman, re-enforcements to the powder division were quickly supplied, and the guns continued their fire.

After passing the forts, and out of range of their heavy cross-fire, we came suddenly in view of our squadron, which had been hidden from us by the dense smoke, and noticed at the same time a steamer on the starboard hand, which at first sight I supposed to be the Iroquois, but as day dawned and we approached nearer I soon discovered my mistake and gave her a shot from the 11-inch and Parrott rifle, both of which took effect in her hull near the water-line. At this moment the iron ram Manassas was seen following close astern of us, and being in range of our howitzers we opened fire on her with them, aiming at her smoke-stack. The Mississippi being near, now turned upon her and soon succeeded in driving her ashore and destroying her. In obedience to signal, I then ran up and anchored with the squadron off Quarantine Landing and sent ashore to

destroy the telegraph wire, which I afterwards learned was on the opposite bank. At 9 a. m. got under way and steamed up the river, in obedience to order, in company with the Sciota. At 3 p. m. sent the dead on shore and buried them; then continued on our course in company with the squadron and anchored at ———. At 3.30 we got under way and steamed up the river in company with the squadron. At 3 p. m. we opened fire with the squadron on the batteries below New Orleans, and as soon as the batteries were silenced we proceeded with the squadron up to the city, and, in obedience to orders, ran up the river to look after the iron floating-battery, which I discovered off the upper part of the city, in flames, floating down with the current. Returned to the flag-ship and received orders to destroy the batteries below the city; ran down in company with the Oneida, Captain S. P. Lee commanding, and by his directions I destroyed the battery on the port hand while he took charge of that on the opposite side. Found a large supply of ammunition, together with twelve 32 and 24 pound guns, also a 10-inch mortar, all of which we spiked, burned the carriages, threw the shot into the river, and destroyed everything belonging to the fort. After accomplishing this work, set fire to and burned a schooner loaded with combustible material lying alongside the battery, and then returned to the anchorage off New Orleans at 9.30, thus ending our operations of the 24th and 25th of April.

Our total loss was three killed and eight wounded. It gives me great pleasure and gratification to be able to bear testimony to the zeal and intrepid conduct of the officers and crew of this vessel during the desperate conflict and terrific fire through which they passed on the morning of the 24th instant. Amid that storm of iron hail perfect order reigned; officers and men did their duty faithfully, and nobly sustained the well-earned reputation of the navy and our glorious old flag, for which they fought so manfully.

The conduct of Thomas Gehegan, boatswain's mate, and captain of the 11-inch gun, is worthy of mention, as well for the brave example he set his crew and by the faithful manner with which he served his gun, bringing up his own ammunition as soon as the men composing the powder division had been nearly all killed or wounded.

Acting Paymaster C. Stewart Warren acted as signal officer. William H. Byrn, captain's clerk, attended to passing my orders.

Dr. L. M. Lyon, assistant surgeon, displayed great zeal and promptness in his attentions to the wounded during the heat of the battle.

Senior Assistant Engineer John Johnson, with his junior assistants, managed his department with skill and ability.

To A. P. Cook, first lieutenant and executive officer, I was greatly indebted for his able assistance. Throughout the entire action he was ready and prompt in the performance of his duties, displaying a coolness and gallantry which won the admiration of all.

With my earnest congratulations upon the brilliant success which has crowned your efforts and attended the forces under your command, I remain, very respectfully, your obedient servant,

PIERCE CROSBY,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT, *U. S. Navy,*
Commanding United States Western Gulf Squadron, Gulf of Mexico.

Report of Lieutenant Commanding George M. Ransom, United States gunboat Kineo.

UNITED STATES GUNBOAT KINEO,
Mississippi River, above the forts, April 25, 1862.

SIR: I have the honor to report that, on arriving close under the guns of Fort St. Philip, on the morning of the 24th instant, the firing was commenced from this vessel, and kept up briskly and effectively until we had passed entirely beyond the range of the enemy's guns from either forts or gunboats.

Soon after the signal of the flag-ship to discontinue action, I was hailed by Commander Smith, of the Mississippi, who invited me to accompany him in pursuit of the ram. It turned immediately upon the shore and was abandoned, its people escaping under a brisk fire of musketry from both vessels. I made preparations for taking it in tow by a hawser, when, the Mississippi coming between the Kineo and the ram, Commander Smith hailed, and informing me that two vessels under a point below had struck, requested me to take possession of them. I was met there by the rebel gunboat McRea, which opened a sharp fire, backed by two other gunboats, all within range of the guns of either fort. The Kineo returned the fire of the McRea, but was obliged to *put her head up stream*. Having had the slide of the pivot gun-carriage shattered by a shot from Fort St. Philip, the gun was temporarily disabled; and, not being able, with her head up stream, to bring anything to bear effectually, I was obliged, very reluctantly, to withdraw.

I have the pleasure to state, sir, that the conduct of officers and men of this vessel throughout the action was specially admirable for its steadiness, without an exception. I enclose herewith a report of Assistant Surgeon A. S. Oberly, of killed and wounded.

I have the honor to be, &c.,

GEORGE M. RANSOM,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

Report of Lieutenant Commanding A. N. Smith, United States gunboat Wissahickon.

UNITED STATES GUNBOAT WISSAHICKON,
Off Quarantine Station, Mississippi River, April 26, 1862.

SIR: I have to report that at 2 a. m. on the 24th instant, in obedience to general signal, got under way and proceeded up the river, keeping our position in the prescribed order of sailing till a detention by running on shore and the dense smoke of the battle, already some time commenced, rendered it impossible to keep it longer. Using our battery vigorously and to the best advantage possible, we succeeded in passing the forts and water batteries under a storm of shot, shell, and volleys of musketry, without loss of life or serious damage to the gunboat, which can only be attributed to the lowness of the vessel on the water.

At daylight, above the forts, we were unavoidably crowded on the west bank of the river, the ram Manassas being a short distance astern and heading for us, but unable to make much progress against the current. Before it reached us, we had fortunately gotten off, and witnessed, with great satisfaction, shortly after, its destruction by the United States steamer Mississippi.

I have to report but two of the crew slightly wounded; four round shot through the hull of the vessel, and one through the mainmast. Officers and men performed their duty nobly, and with admirable coolness. In this feeble tribute to their worth and services I desire to include Third Assistant Engineer G. M. White, a volunteer from the United States steamer Colorado.

Very respectfully, your obedient servant,

A. N. SMITH,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

Report of Lieutenant Commanding John H. Russell, United States gunboat Kennebec.

UNITED STATES GUNBOAT KENNEBEC,
Mississippi River, April 29, 1862.

SIR: On the morning of the 24th instant, during the engagement, this vessel became entangled with the rafts, and struck one of the schooners, (which afterwards sunk,) at the same time parting the chain. I then made several attempts, in the midst of a heavy fire, to pass the batteries; but, it being daylight, and the squadron having passed above the forts, I deemed it prudent to withdraw, and reported to the senior officer, Commander Porter, who attached me temporarily to his fleet, and placed me on picket duty.

Yesterday morning, by order of Commander Porter, I proceeded up the river, in company with the United States steamers Harriet Lane, Westfield, and gunboat Winona, to witness the surrender of the forts, after which, by order of Commander Porter, I received on board this vessel the prisoners from Fort Jackson—29 officers and 90 men.

Very respectfully, your obedient servant,

JOHN H. RUSSELL,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

Report of Fleet Surgeon J. M. Foltz of the casualties in the fleet.

FLAG-SHIP HARTFORD,
New Orleans, La., April 28, 1862.

SIR: The following is a list of casualties in the fleet from the commencement of the bombardment of Forts Jackson and St. Philip, on the 18th instant, and to the 24th, viz:

KILLED.

April 18.—James Lower, ordinary seaman, United States schooner Arletta, bomb flotilla, aged 21, carried away right thigh and wounded left thigh, (round shot;) Robert M. Bryant, ordinary seaman, killed by a fall from masthead on board gunboat Katahdin. Total, 2.

WOUNDED.

Iroquois, April 18.—Henry Clark, captain of forecastle, foot, slightly; William Gilbraith, seaman, foot, slightly; Joseph Judd, first-class fireman, rifle ball knee joint, severely. Total, 3.

April 19.—Michael Brady, carpenter's mate, of Norfolk Packet, mortar fleet, struck by a fragment of a shell in right leg. Total, 1.

Oneida, April 19.—Jonathan A. Miller, seaman, amputated left hand; Chas. D. Murphy, ordinary seaman, fractured foot; John Moir, seaman, severely; George Scott, ordinary seaman, severely; Richard Graham, seaman, contusion; Edward Perry, seaman, contusion; Henry Cooper, marine, slightly; Robert Woodruff, landsman, slightly; John A. Morton, landsman, slightly.

Oneida, April 22.—John F. Nims, quartermaster, amputated left arm and left thigh, (shell;) John R. Liber, ordinary seaman, slightly; Oliver Crommlin, ordinary seaman, slightly; Francis Douglas, seaman, slightly; John E. Earle, jr., master's mate, slightly; Frederick J. Naile, midshipman, slightly. Total, 15.

Hartford, April 22.—Dennis Disney, ordinary seaman, severe injury of chest and abdomen; George H. Mellen, landsman, fracture of forearm; Thomas O'Conner, landsman, severely; Moses Simmons, ordinary seaman, slightly; John D. Barnes, first-class fireman, slightly. Total, 5.

TOTAL.

Killed, 2; wounded, 24.

I am, very respectfully, your obedient servant,

J. M. FOLTZ, *Fleet Surgeon*.

Flag-Officer DAVID G. FARRAGUT,

Commanding Western Division Gulf Blockading Squadron.

FLAG-SHIP HARTFORD,

New Orleans, Louisiana, May 1, 1862.

SIR: I have the honor to report the following list of killed and wounded in the fleet during the brilliant engagements with Forts Jackson and St. Philip, and the batteries below the city of New Orleans, on the 24th and 25th of April, viz :

KILLED.

Flag-ship Hartford.—Joseph Lawrence, seaman, (round shot;) William Brown, landsman, (shell;) Augustus Thomas, captain of forecastle, (shell.) Total, 3.

Brooklyn.—John Anderson, midshipman, struck and knocked overboard by cannon shot; William Lenahan, marine; Daniel McEmery, boy; Barney Sands, quartermaster; Thomas White, captain of maintop; Henry H. Roff, marine; Andrew Ronke, seaman; Dennis Leary, ordinary seaman; John Wade, seaman. Total, 9.

Pensacola.—Theo. Myers, seaman; James Murray, ordinary seaman; Thomas Gunning, landsman; Nelson Downing, landsman. Total, 4.

Richmond.—John B. Bradley, aged 19, acting midshipman, born in Brownsville, New York, (rifle ball;) William Brady, ordinary seaman, aged 23. Total, 2.

Iroquois.—James Phillips, seaman; Alexander Van Vredenburg, ordinary seaman; Maurice Murphy, ordinary seaman; Edwin R. Parcell, boy; Jacob Schoenfeldt, marine; George W. Cole, master's mate. Total, 6.

Pinola.—Thomas Kelly, captain of fore-castle; Robert H. Johnson, landsman; John Nolte, landsman. Total, 3.

Varuna.—Andrew A. Smith, landsman; Charles Hartford, seaman; Daniel McPherson, ordinary seaman. Total, 3.

Mississippi.—George Sanderson, corporal of marines; William H. Woods, corporal of marines. Total 2.

Winona.—Alexander Tyler, boatswain's mate; John Disney, ordinary seaman; William Brown, ordinary seaman. Total, 3.

Mortar flotilla, (Harriet Lane.)—Michael Fitzgerald, landsman.

WOUNDED.

Flag-Ship Hartford.—Philip Morgan, seaman, severely; Charles Banks, landsman, severely; Theodore Douglas, officers' steward, severely; Randall Talliaferro, landsman, amputated thigh; Henry Manning, ordinary seaman, severely; Henry King, marine, severely; Sabina Doane, seaman, slightly; George White, marine, slightly; Mr. Connley, carpenter, severely; Mr. Heisler, lieutenant of marines, slightly. Total, 10.

Brooklyn.—Mr. James O. Kane, master, severely; Mr. James Stafford, acting master, slightly; Mr. E. S. Lowe, master's mate, slightly; William McBride, ordinary seaman, severely; Lovin Heath, marine, slightly; Thomas Griffin, landsman, severely; John Willoughby, ordinary seaman, amputated hand; John Chase, seaman, slightly; E. Blanchard, ordinary seaman, severely; J. R. Sanders, marine, contusion; William Wells, seaman, severely; Robert Harrison, ordinary seaman, severely; John Hassett, landsman, severely; George Coventry, quarter-gunner, severely; Leonard Killion, marine, slightly; Cornelius Martin, ordinary seaman, probably mortal; James H. Powell, ordinary seaman, slightly; H. O. Busklin, ordinary seaman, severely; John Widdis, ordinary seaman, severely; John Daverin, landsman, slightly; James Webby, captain of mizzen-top, severely; Alexander Anderson, landsman, severely; James Black, quartermaster, slightly; Joseph Dixon, seaman, slightly; John Griffith, captain of after-guard, slightly; James Williams, captain of maintop, slightly. Total, 26.

Pensacola.—John Ryan, quartermaster, mortally; George Mowry, quartermaster, mortally, amputated leg; Jonathan Roberts, ordinary seaman, severely, amputated arm; Michael McKann, landsman, severely; Gustavus Mason, landsman, severely; Thomas Kelly, boatswain's mate, severely; Edward Brown, captain of after guard, severely; John Sherlock, ship's cook, severely; John Jenkins, ordinary seaman, severely; James O'Donnal, seaman, severely; Samuel Cooper, ordinary seaman, slightly; David Anderson, ordinary seaman, slightly; Steven Collins, ordinary seaman, slightly; Asa Gifford, ordinary seaman, slightly; John Stewart, ordinary seaman, slightly; Samuel Randolph, ordinary seaman, slightly; Polar McKay, landsman, slightly; Edward Bowman, landsman, slightly; Michael Noonan, landsman, slightly; Edward Lee, first-class boy, slightly; Henry Stermbergh, sergeant of marines, slightly; George Perkins, marine, slightly; Michael O'Bryan, marine, slightly; Frederick Davye, marine, slightly; Francis Pepper, marine, slightly; John Brogan, marine, slightly; Mr. John C. Harris, lieutenant of marines, slightly; Mr. Gerhard Schultze, acting master, slightly; Mr. John C. Huntley, third assistant engineer, slightly; Mr. Wilson Goodrich, boatswain, slightly; Mr. Joseph B. Cox, carpenter, slightly; Mr. Alfred Reynolds, master's mate, slightly; Mr. George Dolliver, master's mate, slightly. Total, 33.

Richmond.—John Gordon, seaman, severely; Charles A. Benson, seaman, slightly; Edward Collins, ordinary seaman, slightly; John Ford, seaman, slightly. Total, 4.

Iroquois.—James Noland, seaman, mortally, since dead; Walter J. White, corporal of marines, mortally, since dead; Robert Lewis, armorer, severely;

George Clark, quarter-gunner, severely; Robert Greenleaf, seaman, severely; John Smith, boy, severely; Martin Winter, boatswain's mate, slightly; John Brown, captain of maintop, slightly; John Conway, ship's corporal, slightly; George Higgins, seaman, slightly; Benjamin Rockwell, seaman, slightly; William Pool, ordinary seaman, slightly; Henry Walters, ordinary seaman, slightly; William Wogan, landsman, slightly; Thomas Kealy, landsman, slightly; Owen Campbell, landsman, slightly; Alfred Freed, boy, slightly; Alfred Jackson, marine, slightly; James Bolan, seaman, slightly; James McCumiskey, ordinary seaman, slightly; Thomas Francis, ordinary seaman, slightly; Mr. Frank R. Hain, third assistant engineer, slightly. Total, 22. (The last three belonging to the United States steamer Colorado.)

Pinola.—Thomas Foster, ship's cook, severely; Thomas Ford, landsman, severely, arm amputated; Thomas H. Jones, officers' steward, severely; Henry Stokely, officers' cook, severely; William Ackworth, quartermaster, slightly; Thomas L. Smith, coal-heaver, slightly; James A. Bassford, ordinary seaman, slightly. Total, 7.

Cayuga.—John Lawson, landsman, severely; Frederick O. G. Frinke, landsman, severely, amputated arm; Francis Nersall, ordinary seaman; John Dumphy, coal-heaver; James Smith, landsman; John Titus, ward-room cook: all slightly. Total, 6.

Sciota.—Francis Moriere, seaman, slightly; and J. Harrington, seaman, severely. Total, 2.

Varuna.—M. Rigan, ordinary seaman, slightly; T. Johnson, ordinary seaman, slightly; William Joice, landsman, slightly; T. Gordon, marine, severely; D. McLaughlin, marine, slightly; William Perkins, ordinary seaman, slightly; D. McGinnis, boy, slightly; J. Logan, marine, slightly; J. McQuin, marine, slightly. Total, 9.

Mississippi.—John Ward, seaman, slightly; Richard C. Carman, marine, slightly; Robert White, ordinary seaman, slightly; Cyrus D. Murry, musician, slightly; Albert Ashley, ordinary seaman, slightly; Mr. King, master, slightly. Total, 6.

Winona.—Michael O. Holland, seaman, amputation of arm; Leonard Minwart, captain of forecastle, severely; Thomas Trowers, landsman, severely; William Wood, seaman, severely; John McGowan, coal-heaver, severely. Total, 5.

Itasca.—Richard Kane, captain of hold, severely; Thomas Sparrow, boy, severely; Owen Kaney, coal-heaver, severely; Isaac Magurgre, fireman, severely. Total, 4.

Mortar flotilla, (Harriet Lane.)—George Henston, seaman, severely, amputated thigh.

TOTAL.

Killed, 36; wounded, 135.

I am, very respectfully, your obedient servant,

J. M. FOLTZ, *Fleet Surgeon*.

Flag-Officer DAVID G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

Additional report of Fleet Surgeon J. M. Foltz.

FLAG-SHIP HARTFORD,

Natchez, Mississippi, May 18, 1862.

SIR: I respectfully report the following additional killed and wounded during the engagements of the 24th and 25th of April, the official reports from the medical officers of those vessels having just been received, viz:

KILLED.

Kineo—on the 24th April.—No. 37, Charles H. Kelley, captain after-guard.

WOUNDED.

Kineo—on the 24th April.—No. 136, Samuel Walker, seaman; 137, John Lewis, coxswain; 138, Albert Smith, seaman; 139, Henry H. Chase, seaman; 140, John P. Tibbits, landsman; 141, John Quinn, landsman; 142, Zelops Eldridge, ordinary seaman; 143, W. S. Wilkins Cragg, second assistant engineer.

Oneida—on 24th April.—144, John Dyer, seaman, slightly; 145, Thomas Grey, seaman, severely; 146, Robert Watson, seaman, slightly.

Portsmouth—on 24th April.—147, John Hancock, severely.

I am, very respectfully, your obedient servant,

J. M. FOLTZ, *Fleet Surgeon.*

Flag-Officer DAVID G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

Papers relating to the surrender of Forts Jackson and St. Philip.

No. 69.]

UNITED STATES FLAG-SHIP HARTFORD,

Off the City of New Orleans, May 1, 1862.

SIR: I have the honor to forward herewith to the department all the papers relating to the surrender of Forts Jackson and St. Philip to the forces under my command.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER HARRIET LANE,

April 29, 1862.

SIR: The morning after the ships passed the forts I sent a demand to Colonel Higgins for a surrender of the forts, which was declined. On the 27th I sent Lieutenant Colonel Higgins a communication, herewith enclosed, asking again for the surrender. His answer is enclosed.

On the 28th I received a communication from him, stating that he would surrender the forts, and I came up and took possession, drew up articles of capitulation, and hoisted the American flag over the forts. These men have defended these forts with a bravery worthy of a better cause. I treated them with all the consideration that circumstances would admit of.

The three steamers remaining were under the command of Commander J. K. Mitchell. The officer of the fort acknowledged no connexion with them, and wished in no way to be considered responsible for their acts. While I had a flag of truce up they were employed in towing the iron floating-battery of 16 guns (a most formidable affair) to a place above the forts, and, while drawing up the articles of capitulation in the cabin of the Harriet Lane, it was reported to me that they had set fire to the battery and turned it adrift upon us. I asked

the general if it had powder on board, or guns loaded. He replied that he would not undertake to say what the navy officers would do. He seemed to have a great contempt for them. I told him "we could stand the fire and blow up, if he could," and went on with the conference, after directing the officers to look out for their ships. While drifting down on us, the guns, getting heated, exploded, throwing the shot above the river. A few moments after the battery exploded with a terrific noise, throwing fragments all over the river, and wounding one of their own men in Fort St. Philip, and immediately disappeared under water. Had she blown up near the vessels, she would have destroyed the whole of them.

When I had finished taking possession of the forts, I got under way in the Harriet Lane and started for the steamers, one of which was still flying the confederate flag. I fired a shot over her, and they surrendered. There was on board of them a number of naval officers and two companies of marine artillery. I made them surrender unconditionally, and, for their infamous conduct in trying to blow us up while under a flag of truce, I conveyed them to close confinement as prisoners of war, and think they should be sent to the north, and kept in close confinement there until the war is over, or they should be tried for their infamous conduct. I have a great deal to do here, and will send you all papers when I am able to arrange them.

I turned over the forces to General Phelps. Fort Jackson is a perfect ruin. I am told that over 1,800 shells fell in and burst over the centre of the fort. The practice was beautiful. The next fort we go at we will settle sooner, as this has been hard to get at. The naval officers sank one gunboat while the capitulation was going on, but I have one of the other steamers at work, and hope soon to have the other. I find that we are to be the hewers of wood and drawers of water; but as the soldiers have nothing here in the shape of motive power, we will do all we can.

I should have demanded an unconditional surrender, but with such a force in your rear it was desirable to get possession of these forts as soon as possible. The officers turned over everything in good order, except the walls and buildings, which are terribly shattered by the mortars.

Very respectfully,

D. D. PORTER,
Commanding Flotilla.

Flag-Officer D. G. FARRAGUT.

HEADQUARTERS FORTS JACKSON AND ST. PHILIP,
April 27, 1862.

SIR: Your letter of the 26th instant, demanding the surrender of these forts, has been received. In reply thereto, I have to state that no official information has been received by me from our own authorities that New Orleans has been surrendered to the forces of Flag-Officer Farragut, and until such information is received no proposition for a surrender can be for a moment entertained here.

Respectfully, your obedient servant,

EDWARD HIGGINS,
Lieutenant Colonel Commanding.

Commodore DAVID D. PORTER,

United States Navy, Commanding Mortar Fleet.

UNITED STATES STEAMER HARRIET LANE,
Mississippi River, April 27, 1862.

SIR: When I last demanded the surrender of Forts Jackson and St. Philip, I had no positive assurance of the success of our vessels in passing safely the batteries on the river; since then I have received communications from Flag-Officer Farragut, who is now in possession of New Orleans. Our troops are, or will be, in possession of the prominent points on the river, and a sufficient force has been posted on the outside of the bayous to cut off all communication and prevent supplies.

No man could consider it dishonorable to surrender under these circumstances, especially when no advantage can arise by longer holding out, and by yielding gracefully he can save the further effusion of blood.

You have defended the forts gallantly, and no more can be asked of you. I feel authorized to offer you terms sufficiently honorable to relieve you from any feeling of humiliation.

The officers will be permitted to retire on parole with their side arms, not to serve again until regularly exchanged. All private property will be respected, only the arms and munitions of war will be surrendered to the United States government, and the vessels lying at or near the forts. No damage must be done to the defences. The soldiers will also be paroled and be permitted to return to their homes, giving up their arms. I am aware that you can hold out some little time longer, and am also aware of your exact condition as reported to us by a deserter, which convinces me that you will only be inflicting on yourself and those under your command unnecessary discomforts without any good results arising from so doing.

Your port has long been closed to the world, by which serious injury has been experienced by many loyal citizens. I trust that you will not lend yourself to the further injury of their interests, when it can only entail calamity and bloodshed without any possible hope of success or relief to your forts. Your surrender is a mere question of time, which you know is not of any extent, and I therefore urge you to meet my present proposition. By doing so you can put an end to a state of affairs which will only inflict injury upon all those under you, who have strong claims upon your consideration.

I remain, very respectfully, your obedient servant,

D. D. PORTER,
Commanding Mortar Fleet.

Colonel EDWARD HIGGINS,

Commanding Confederate forces in Forts Jackson and St. Philip.

UNITED STATES STEAMER HARRIET LANE,
Mississippi River, April 30, 1862.

SIR: I enclose herewith the capitulation of Forts Jackson and St. Philip, which surrendered to the mortar flotilla on the 28th day of April, 1862. I also enclose in a box (forwarded on this occasion) all the flags taken in the two forts, with the original flag hoisted on Fort St. Philip when the State of Louisiana seceded. Fort Jackson is a perfect wreck; everything in the shape of a building in and about it was burned up by the mortar shells, and over 1,800 shells fell in the work proper, to say nothing of those which burst over and around. I devoted but little attention to Fort St. Philip, knowing that when Jackson fell, Fort St. Philip would follow.

The mortar flotilla is still fresh and ready for service. Truly, the backbone of the rebellion is broken.

On the 26th of the month I sent six of the mortar schooners to the back of Fort Jackson, to look up the bayous and prevent supplies getting in. Three of them drifted over to Fort Livingston, and when they anchored the fort hung out

a white flag and surrendered. The Kittatinny, which had been blockading these for some time, sent a boat in advance of the mortar vessels, and reaching the shore first, deprived them of the pleasure of hoisting our flag over what had surrendered to the mortar flotilla. Still, the fort is ours, and we are satisfied. I am happy to state that officers and crew are all well and full of spirits.

I have the honor to remain your obedient servant,

DAVID D. PORTER.

Hon. GIDEON WELLES.

UNITED STATES STEAMER HARRIET LANE,
Forts Jackson and St. Philip, Mississippi River, April 28, 1862

By articles of capitulation entered into this twenty-eighth day of April, one thousand eight hundred and sixty-two, between David D. Porter, commander United States navy, commanding the United States mortar flotilla, of the one part, and Brigadier General J. K. Duncan, commanding the coast defences, and Lieutenant Colonel Higgins, commanding Forts Jackson and St. Philip, of the other part, it is mutually agreed—

1st. That Brigadier General Duncan and Lieutenant Colonel Higgins shall surrender to the mortar flotilla Forts Jackson and St. Philip, the arms, ammunitions of war, and all the appurtenances thereunto belonging, together with all public property that may be under their charge.

2d. It is agreed by Commander David D. Porter, commanding the mortar flotilla, that Brigadier General Duncan and Lieutenant Colonel Higgins, together with the officers under their command, shall be permitted to retain their side arms, and that all private property shall be respected; furthermore, that they shall give their parole of honor not to serve in arms against the government of the United States until they are regularly exchanged.

3d. It is furthermore agreed by Commander David D. Porter, commanding the mortar flotilla, on the part of the United States government, that the non-commissioned officers, privates, and musicians shall be permitted to retire on parole, their commanding and other officers becoming responsible for them; and that they shall deliver up their arms and accoutrements in their present condition, provided that no expenses of the transportation of the men shall be defrayed by the government of the United States.

4th. On the signing of these articles by the contracting parties, the forts shall be formally taken possession of by the United States naval forces composing the mortar flotilla; the confederate flag shall be lowered, and the flag of the United States hoisted on the flagstuffs of Forts Jackson and St. Philip.

In agreement of the above, we, the undersigned, do hereunto set our hands and seals.

DAVID D. PORTER,

Commanding Mortar Flotilla.

W. B. RENSHAW,

Commander, United States Navy.

J. M. WAINWRIGHT,

Lieutenant, Commanding Harriet Lane.

J. K. DUNCAN,

Brigadier General, Commanding Coast Defences.

EDWARD HIGGINS,

Lieutenant Colonel C. S. A., Commanding Forts Jackson and St. Philip.

Witnessed by—

EDWARD T. NICHOLS,

Lieutenant Commanding Winona.

J. H. RUSSELL,

Lieutenant Commanding Kanawha.

List of officers at Fort Jackson, Louisiana.

HEADQUARTERS FORTS JACKSON AND ST. PHILIP,

April 28, 1862.

Brigadier General J. K. Duncan, P. C. S. A.
 Lieutenant Wm. M. Bridges, aid and inspector general.
 Captain W. J. Seymour, aide-de-camp, volunteers.
 Captain J. R. Smith, volunteer aide-de-camp.
 Somerville Burke, assistant surgeon, P. C. S. A.
 Dr. Bradbury, volunteer surgeon.
 Lieutenant Colonel Edward Higgins, P. C. S. A., commanding Forts Jackson and St. Philip.
 Charles N. Morse, lieutenant Louisiana artillery regiment, and post adjutant.
 Wm. B. Robertson, captain Louisiana regiment artillery.
 J. B. Anderson, captain Louisiana regiment artillery.
 R. J. Bruce, first lieutenant Louisiana regiment artillery, commanding company D.
 E. W. Baylor, first lieutenant Louisiana regiment artillery, commanding company H.
 T. Peters, captain company I, twenty-second regiment Louisiana volunteers.
 James Ryan, captain company H, twenty-second regiment Louisiana volunteers.
 S. Jones, captain company I, twenty-third regiment Louisiana volunteers.
 F. C. Comars, captain company St. Mary's cannoniers.
 Beverly C. Kennedy, first lieutenant Louisiana regiment artillery.
 Abner N. Ogden, first lieutenant Louisiana regiment artillery.
 James W. Gaines, first lieutenant Louisiana regiment artillery.
 D. Simon, first lieutenant twenty-second Louisiana volunteers.
 George Nongesser, first lieutenant twenty-second Louisiana volunteers.
 George O. Foote, first lieutenant St. Mary's cannoniers.
 Wm. T. Mumford, first lieutenant Louisiana regiment artillery.
 Edw. D. Woodlief, second lieutenant Louisiana regiment artillery.
 Charles Dermers, second lieutenant twenty-second Louisiana volunteers.
 Christian Jacobs, second lieutenant twenty-second Louisiana volunteers.
 George Menn, second lieutenant twenty-second Louisiana volunteers.
 Thomas J. Royster, second lieutenant twenty-second Louisiana volunteers.
 Walter S. Jones, second lieutenant twenty-third Louisiana volunteers.
 Robert Maurer, second lieutenant twenty-third Louisiana volunteers.
 Minor T. Gardy, second lieutenant St. Mary's cannoniers.

Official list:

CHARLES N. MORSE,
Lieutenant and Post Adjutant.

APRIL 28, 1862.

The company of St. Mary's cannoniers, eighty-eight strong, also came up on the United States gunboat Kennebec.

Corporal Murray, of company E, Louisiana regiment artillery.
 One private from company D, Louisiana regiment artillery.

Official:

CHARLES N. MORSE,
Lieutenant and Post Adjutant.

List of officers at Fort St. Philip, Louisiana, included in capitulation of Forts Jackson and St. Philip, April 28, 1862.

M. T. Squires, captain Louisiana regiment artillery, senior officer.
 Richard C. Bond, captain Louisiana regiment artillery.
 J. H. Lamon, captain Louisiana regiment artillery.
 Charles Assenheimer, captain Louisiana volunteers.
 Armand Laityell, (absent at date of capitulation,) captain Bienville guards, recruited in the parish.
 J. K. Dixon, second lieutenant C. S. A., commanding company.
 Charles D. Lewis, assistant surgeon P. C. S. A.
 Charlton Hunt, first lieutenant Louisiana regiment artillery.
 Henry W. Fowler, first lieutenant Louisiana regiment artillery.
 Lewis B. Taylor, first lieutenant Louisiana regiment artillery, and acting assistant quartermaster.
 Wm. C. Ellis, first lieutenant regiment Louisiana artillery.
 P. Ruhl, first lieutenant Louisiana volunteers.
 Andrew J. Quigly, second lieutenant Louisiana regiment artillery.
 Wm. B. Jones, second lieutenant Louisiana regiment artillery.
 H. L. Blow, second lieutenant C. S. A.
 George House, acting second lieutenant C. S. A.
 J. Dressell, second lieutenant Louisiana volunteers.
 J. A. Guershet, second lieutenant Louisiana volunteers.
 S. Martin, second lieutenant Bienville Guards, recruited in the parish.
 A. Châussier, second lieutenant Bienville Guards, recruited in the parish.

Official :

CHARLES N. MORSE,
Lieutenant and Post Adjutant.

Disposition of prisoners captured.

No. 70.]

UNITED STATES FLAG-SHIP HARTFORD,
At anchor off the City of New Orleans, May 1, 1862.

SIR: I have to inform the department that in consequence of my not having any suitable place to put the crews of the rebel gunboats captured by this fleet, I have released them on parole. But having been informed by Commander Porter and others that the conduct of the officers has been such as to deprive them of any claim for indulgence on our part—they having sunk two of the vessels while under a flag of truce—I have determined to send them to the north as prisoners of war, to be dealt with as the department may think proper. They will be sent in the Rhode Island.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer. Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

No. 85.]

UNITED STATES FLAG-SHIP HARTFORD,
Off New Orleans, May 2, 1862.

SIR: I have the honor to forward herewith the paroles which I have given to the prisoners captured by this fleet. * * * *

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

[Terms of parole.]

I, _____, being taken prisoner by the forces of the United States under the command of Flag-Officer Farragut, and being released by him on parole of honor, do hereby solemnly swear and promise that I will not aid, countenance, or abet in any manner any person or persons engaged in armed rebellion against the authority of the United States, unless regularly exchanged or released from this parole.

_____.

Report of Flag-Officer Farragut commendatory of the conduct of those under his command.

No. 88.]

UNITED STATES FLAG-SHIP HARTFORD,
Off the City of New Orleans, May 6, 1862.

SIR: I will bear testimony to the merit of the commanders, and let them bear testimony to the conduct of those under their commands. I am unwilling that any meritorious individuals should be passed by in silence, but they must look to their immediate commanders for special notice, except when they come under my eyes.

I shall always be ready to bear testimony to the good conduct of Commander Wainwright and his first lieutenant, whose good organization of the fire department saved this ship, and to his officers and crew, whose energy and courage in extinguishing the fire, and keeping up the fire of the great guns, could not be surpassed. And those who were around me, the signal officer, my clerk, Mr. Osborn, Messrs. Bache and Wardell, captain's clerks, and Master's Mate Allen, who had charge of the 20-pounder rifle gun, (an apprentice boy,) all did their duty well, particularly Mr. Allen, whose energy and courage were always marked; and had he a better education I should certainly recommend him for promotion, but I trust that his conduct will be remembered by the department.

In conclusion, permit me to say that every provision possible was made in advance of our fight for the comfort of the wounded by the fleet surgeon, Dr. Foltz, who was indefatigable in his exertions to ameliorate their sufferings and dress their wounds; in fact, all whom it was in my power to know anything about did their duty to the utmost of their ability.

As to the commanders of the three gunboats who failed to get through, the department must take their own statements, as I never saw them after we left our anchorage; but their conduct previous to the fight had induced me to form a high estimate of their characters, and Lieutenant Caldwell's conduct in breaking the barrier chain gave an earnest of an intention to do all in his power on

the day of trial. I am sure that the mortification they sustained by their failure has been the severest of punishments, and they will never rest until it is removed.

All of which is respectfully submitted by your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Congratulatory letter of the Secretary of the Navy.

NAVY DEPARTMENT, May 10, 1862.

SIR: Captain Bailey, your second in command, has brought to the department the official despatches from your squadron, with the trophies forwarded to the national capital.

Our navy, fruitful with victories, presents no more signal achievement than this, nor is there an exploit surpassing it recorded in the annals of naval warfare. In passing, and eventually overcoming Forts Jackson and St. Philip, the batteries above and below New Orleans, destroying the barriers of chains, steam-rams, fire rafts, iron-clad vessels, and other obstructions, capturing from the rebel forces the great southern metropolis, and obtaining possession and control of the Lower Mississippi, yourself, your officers, and our brave sailors and marines, whose courage and daring bear historic renown, have won a nation's gratitude and applause. I congratulate you and your command on your great success in having contributed so largely towards destroying the unity of the rebellion, and in restoring again to the protection of the national government and the national flag the important city of the Mississippi valley, and so large a portion of its immediate dependencies.

Your example and its successful results, though attended with some sacrifice of life and loss of ships, inculcate the fact that the first duty of a commander in war is to take great risks for the accomplishment of great ends.

One and all, officers and men, composing your command, deserve well of their country.

I am, respectfully, your obedient servant,

GIDEON WELLES.

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron, New Orleans.

OPERATIONS OF THE MORTAR FLOTILLA.

Commander Porter's announcement of the passage of the forts by the fleet, and progress of the bombardment of the forts by the mortar flotilla.

UNITED STATES STEAMER HARRIET LANE,

Mississippi River, April 25, 1862.

SIR: I have the honor to inform you that Flag-Officer Farragut, with the fleet, passed Forts Jackson and St. Philip on the morning of the 24th, and should be in New Orleans by this time, as he can meet with no obstacles such as he has already passed, the way being comparatively open before him.

We commenced the bombardment of Fort Jackson on the 18th, and continued it without intermission until the squadron made preparations to move. The squadron was formed in three lines to pass the forts. Captain Bailey's division,

composed of the following vessels, leading to the attack of Fort St. Philip: Cayuga, Pensacola, Mississippi, Oneida, Varuna, Katahdin, Kineo, Wissahickon, Flag-Officer Farragut leading the following vessels, (second line :) Hartford, Brooklyn, Richmond; and Commander Bell leading the third division, composed of the following vessels: Sciota, Iroquois, Pinola, Winona, Itasca, and Kennebec.

The steamers belonging to the mortar flotilla, one of them towing the Portsmouth, were to enfilade the water battery commanding the approaches: Mortar steamers Harriet Lane, Westfield, Owasco, Clifton, and Miami—the Jackson towing the Portsmouth. The vessels were rather late in getting under way and into line, and did not get fairly started until 3.30 a. m., and the unusual bustle apprised the garrison that something was going on.

In an hour and ten minutes after the vessels had weighed anchor they had passed the forts, under a most terrific fire, which they returned with interest. The mortar fleet rained down shells on Fort Jackson to try and keep the men from the guns, while the steamers of the mortar fleet poured in shrapnel upon the water battery commanding the approach, at a short distance, keeping them comparatively quiet. When the last vessel of ours could be seen amidst the fire and smoke to pass the battery, signal was made to the mortars to cease firing, and the flotilla steamers were directed to retire from a contest that would soon become very unequal.

It was now daylight, and the fleet having passed along, the forts began to pay their attention to our little squadron of steamers, the Portsmouth, which was being towed up, and three of the gunboats which failed to pass through. These latter became entangled in some wrecks and chains placed in the river to obstruct, and which were only partially removed. One of these vessels (the Winona) got through as far as Fort St. Philip, but, having all the guns bearing on her, she sensibly retired. The Itasca was fairly riddled, and had a shot through her boiler. The Kennebec escaped unhurt.

I am disposed to think that our squadron received but little damage, considering the unequal contest—142 guns on board ship opposed to 100 on shore—placed in a most commanding position. For twenty minutes after the ships passed, the forts fired very feebly on the vessels that remained outside; so much so that the Portsmouth was enabled to drop with the current out of gunshot, though the shot fell pretty freely about her at last. I think the fire from the ships must have been very destructive to life.

The last we saw of our vessels they were standing up the river. Some explosion took place, which made us feel rather uneasy, but which may have been the rebel gunboats. We could see that our squadron had not destroyed all the enemy's vessels at the fort, for three or four of them were moving about in all directions, evidently in a state of excitement.

Before the fleet got out of sight it was reported to me that the celebrated ram Manassas was coming out to attack us; and sure enough, there she was, apparently steaming along shore, ready to pounce upon the apparently defenceless mortar vessels. Two of our steamers and some of the mortar vessels opened fire on her; but I soon discovered that the Manassas could harm no one again, and I ordered the vessels to save their shot. She was beginning to emit smoke from her ports or holes, and was discovered to be on fire, and sinking. Her pipes were twisted and riddled with shot, and her hull was also well cut up. She had evidently been used up by the squadron as they passed along.

I tried to save her as a curiosity, by getting a hawser around her and securing her to the bank, but just after doing so she faintly exploded. Her only gun went off, and emitting flames through her bow port, like some huge animal, she gave a plunge and disappeared under the water.

Next came a steamer on fire, which appeared to be a vessel-of-war belonging to the rebels; and after her two others, all burning and floating down the stream.

Fires seemed to be raging all along the "up river," and we supposed that our squadron were burning and destroying the vessels as they passed along. It appears, however, that the *McRae*, one or two river boats, and their celebrated floating battery, (brought down the night before,) were left unhurt, and were still flying the confederate flag.

The matter of the floating battery becomes a very serious affair, as they are hard at work at Fort Jackson mounting heavy rifled guns on it, which are of no further use to them in the fort. She mounts sixteen guns, is almost as formidable a vessel as the *Merrimack*, perfectly shot-proof, and has four powerful engines in her. I shall, at all events, take such steps as will prevent her from destroying anything, and we may still hold her in check with the steamers, though they are rather fragile for such a service. This is one of the ill effects of leaving an enemy in the rear. I suppose that the ships fired on her as they passed through, but that her mail resisted the shot. She had steam on this morning, and was moving about quite lively. I tried to put some mortar shell through her roof, but without effect, as she moved off.

The forts are now cut off from all communication with New Orleans, as I presume that Flag-Officer Farragut has cut the wires. I have sent the *Miami* around with General Butler to the back of Fort St. Philip, to try and throw in troops at the quarantine, five miles along the forts, and at the same time open communication that way with the flag-officer, and supply him with ammunition. I am also going to send part of the mortar fleet to the back of Fort Jackson, to cut off the escape of the garrison by that way, and stop supplies. A deserter, who can be relied on, informs us that they have plenty of provisions for two months, plenty of ammunition, and plenty of discomforts. Our shell set the citadel on fire the first afternoon we opened. It burnt freely for seven hours, but I thought it a fire raft behind the fort, as they continually send them down on us, though without any effect.

But few casualties occurred to vessels on this side of the forts. The *Harriet Lane* lost but one man killed, and one, I fear, mortally wounded. The *Winona* lost three killed and three wounded, and the *Itasca*, with fourteen shots through her, had but few men hurt.

These forts can hold out still for some time, and I would suggest that the *Monitor* and *Mystic*, if they can be spared, be sent here, without a moment's delay, to settle the question.

The mortar fleet have been very much exposed and under a heavy fire for six days, during which time they kept the shells going without intermission. One of them, the *Maria I. Carlton*, was sunk by a shot passing down through her magazine and then through her bottom. The flotilla lost but one man killed and six wounded. The bearing of the officers and men was worthy of the highest praise. They never once flagged during a period of six days, never had an accident to one of the vessels by firing, and, when shell and shot were flying thick above them, showed not the least desire to have the vessels moved to a place of safety. The incidents of the bombardment will be mentioned in my detailed report.

I merely write this hurried letter to apprise the department of the state of affairs, and shall send it off at once *via* Havana.

The sight of this night attack was awfully grand. The river was lit up by rafts filled with pine knots, and the ships seemed to be fighting literally amidst flames and smoke. Where we were the fire of the enemy was high, and comparatively harmless.

I am in hopes that the ships above fared as well as we did, though amid such a terrific fire. It was gratifying to see that not a ship wavered, but stood

steadily on her course; and I am in hopes (and I see no reason to doubt it) that they now have possession of New Orleans.

I am, with great respect, your obedient servant,

DAVID D. PORTER,

Commanding Flotilla.

Hon. GIDEON WELLES,

Secretary of the Navy.

P. S.—Captain Boggs has just arrived by way of a cut through the swamps, and brings the following additional intelligence: The Varuna was sunk; about one hundred men were killed and wounded; ships all ready for another fight. No obstructions on the way to New Orleans. Eleven confederate vessels sunk and burnt in passing the forts. General Butler is about to land men the back way, six miles above the forts. No officers killed or wounded. Soldiers captured miserably armed and without ammunition.

Commander Porter's detailed report.

UNITED STATES STEAMER HARRIET LANE,

Forts Jackson and St. Philip, April 30, 1862.

SIR: I have the honor to lay before you a report of the proceedings of the mortar flotilla under my command since the day the vessels entered the Mississippi river.

On the 18th of March all the mortar fleet crossed "Pass à l'Outre" bar, towed by the Harriet Lane, Owasco, Westfield, and Clifton, the two latter having arrived that morning. I was ordered by Flag-Officer Farragut to proceed to Southwest Pass, which I accordingly did; there we awaited orders, being at any moment ready to go to work on the forts.

As yet only the Brooklyn and Hartford had crossed the bar, a short time after the Richmond passed over, and then the Mississippi and the Pensacola came from Ship island to try their hand at getting through; there was not at the time a great depth of water, and their pilots were not at all skilful or acquainted with the bar. I volunteered my services with the steamers belonging to the mortar flotilla, and, after eight days' laborious work, succeeded in getting the ships through and anchored them at Pilot Town. I do not hesitate to say, but for the exertions of Commander Renshaw, Lieutenant Commanding Baldwin, and Lieutenant Commanding Wainwright, that the two latter ships would never have got inside; the Miami, Lieutenant Commanding Harrell, also rendered assistance, but as his vessel was an unmanageable one, he could do no more than act as a stream anchor to heave the ships ahead by.

Too much praise cannot be awarded to the commanders of the Westfield and Clifton (Renshaw and Baldwin) for the exertions they displayed on this occasion; they knew that the success of the expedition depended on getting these ships over, and they never once faltered in their duty, working against adverse circumstances, and impeded by a fog of eight days' duration, which obscured a vessel at the distance of fifty yards; the Harriet Lane also did all she could with her small power, and in the end the united power of these vessels succeeded in getting over the bar the heaviest vessels that ever entered the Mississippi river.

When the ships were all ready to move up, I directed Mr. Gerdes (assistant on the Coast Survey) to proceed in the Sachem and make a minute survey from "Wiley's Jump" up to the forts. He detached Mr. Oltmanns and Mr. Harris, the first an assistant on the Coast Survey, the latter sent out by the superin-

tendent (Mr. Archibald Campbell) of the northwestern boundary, to perform what might be required of him; the work was performed in boats; Lieutenant Commanding Guest, in the Owasco, being detailed by me for the purpose of protecting them. These two gentlemen, Messrs. Harris and Oltmanns, performed their duty most admirably: in three days they had surveyed and triangulated over seven miles of the river, their observations taking in Forts Jackson and St. Philip; much of this time they were under fire from shot and shell at a distance of 2,600 yards, and were exposed to concealed riflemen in the bushes. On one occasion Mr. Oltmanns was fired upon from the bushes while surveying in one of the Owasco's boats, one of the balls striking an oar, but the boat's crew drove the enemy off with their rifles, and Mr. Oltmanns proceeded with his work, establishing the positions the mortar vessels were to occupy with great coolness and precision. I deem it due to these gentlemen to mention their names honorably as a tribute to the Coast Survey—the utility of which is not properly appreciated—and as a mark of high satisfaction with them for their invaluable services.

The survey being completed, and marked positions being assigned to the vessels when their distance from the fort could be known to a yard, I brought up three of the schooners to try their range and durability at a distance of three thousand yards. I found the range satisfactory, and had no reason to doubt the durability of the mortar beds and foundation. I received but little encouragement from any one about the success of the mortars, it having been confidently predicted that "the bottoms of the schooners would drop out at the tenth fire." I had no doubts myself about the matter, having perfect confidence in the schooners. Lieutenant Commanding John Guest guarded the Coast Survey party while they were employed, returning the enemy's fire whenever he thought he could do so with effect.

On the 16th Flag-Officer Farragut moved up the fleet, and I was told to commence operations as soon as I was ready. The schooners sailed up partly or were towed by the steamers, and on the morning of the 18th they had all reached their positions ready to open fire. Previous to taking their places I had directed the masts to be dressed off with bushes, to make them invisible to the enemy and intermingle with the thick forest of trees and matted vines behind which they were placed; this arrangement proved to be an admirable one, for never once during the bombardment was one of the vessels seen from the forts, though their *approximate* position was known. As the bushes were blown away during the bombardment they were renewed, and the masts and ropes kept covered from view. The place I selected for the mortar vessels was under the lee of a thick wood closely interwoven with vines, and presenting in the direction of Forts Jackson and St. Philip an impenetrable mass for three hundred yards, through which shot could scarcely pass. From our mastheads the forts could be plainly seen, though observers there could not see us in return. The head vessel of the first division, Lieutenant Commanding Watson Smith, was placed at this point, 2,850 yards from Fort Jackson, 3,680 from St. Philip; the vessels were then dropped in a line close to each other, their positions having been marked by the Coast Survey party, and Messrs. Oltmanns and Harris superintending personally that each one was acquainted with the proper distance. Next to Lieutenant Commanding Smith's division of seven vessels (Norfolk Packet, Lieutenant Commanding Watson Smith; Oliver H. Lee, Acting Master Washington Godfrey; Para, Acting Master Edward G. Furber; C. P. Williams, Acting Master Amos R. Langthorne; Arletta, Acting Master Thomas E. Smith; William Bacon, Acting Master William P. Rogers; Sophronia, Acting Master Lyman Bartholomew) was placed the six vessels of the third division, under Lieutenant Commanding K. R. Breese, (John Griffith, Acting Master Henry Brown; Sarah Bruen, Acting Master Abraham Christian; Racer, Acting Master Alvin Phinney; Sea Foam,

Acting Master Henry E. Williams; Henry James, Acting Master Lewis W. Pennington; Dan. Smith, Acting Master George W. Brown,) and one vessel, the Orvetta, Acting Master Blanchard, all lying in line close together.

All the vessels mentioned were anchored and secured to spring their broadsides, as occasion might require. In the meantime Lieutenant Commanding John Guest was sent ahead in the Owasco to clear the bushes of riflemen which had been found to lurk there, and cover the vessels from the fire of the forts when it should open; the Westfield, Clifton, and Miami being engaged in towing the vessels to their posts.

I placed six vessels of the second division, under command of Lieutenant W. W. Queen, on the northeast shore of the river, the headmost one 3,680 yards from Fort Jackson, to which the division was directed to turn its attention. The following vessels and acting masters composed this division:

T. A. Ward, W. W. Queen, commanding second division.

M. J. Carlton, Charles E. Jack, acting master.

Matthew Vasser, Hugh H. Savage, acting master.

George Mangham, John Collins, acting master.

Orvetta, Francis E. Blanchard, acting master.

Sydney C. Jones, J. D. Graham, acting master.

When the divisions were all placed signal was made to "commence action," and they opened in order, each one firing every ten minutes. The moment the mortars opened Forts Jackson and St. Philip responded with all their guns that could bear, but for some time did not appear to get the right range; the hulls of the vessels on the northeast shore, being covered with reeds and willows, deceived them somewhat, though their shot and shell went over. The fire of the enemy was rapid, and, as the shell and shot began to grow rather hot, I sent to the flag-officer, asking that some of the gunboats should be sent to draw their fire. For one hour and fifty minutes Lieutenant Commanding Guest had, at the head of the mortar fleet, borne the fire of the forts uninjured, and only left there to get a supply of ammunition. After I went on board his vessel and ordered him to retire, the mortar vessels having been reinforced by the gunboats sent up by the flag-officer, by midday the fire on the vessels on the northeast shore (Lieutenant Commanding Queen's division) became so rapid, and the shot and shell fell so close, that I went on board to move them. One large 120-pound shell had passed through the cabin and damaged the magazine of Lieutenant Commanding Queen's vessel, the T. A. Ward, coming out near the water-line, her rigging was cut, and shot flying over her fast. The George Mangham, Acting Master John Collins, had received a 10-inch shot near her water-line, so I moved them both (contrary to the wishes of the officers) two hundred yards further astern, throwing the enemy out of his range, which he did not discover for two or three hours. At five o'clock in the evening the fort was discovered to be in flames, and the firing from the enemy ceased. We afterwards learned that the citadel had been fired by our bomb-shells, and all the clothing of the troops and commissary stores had been burnt up, while great distress was experienced by the enemy owing to the heat and danger to the magazine. Had I known the extent of the fire, I should have proceeded all night with the bombardment; but the crews had had nothing to eat or drink since daylight. I knew not how much the mortar beds and vessels might have suffered. Night firing was uncertain, as the wind had set in fresh, and not knowing how long a bombardment I might have to go through with, I deemed it best to be prudent. A little after sunset I ordered the firing to cease, and made the only mistake that occurred during the bombardment. The fire in the forts blazed up again at night, but I thought it one of the fire-rafts they lighted up every night at the fort.

The first and third divisions, under Lieutenants Commanding Smith and Breese, acquitted themselves manfully that day, and though the shot and shell

fell thick about them behaved like veterans. We fired on this day over 1,400 shell, many of which were lost in the air, owing to bad fuses. No accident of any kind occurred from careless firing, and after a careful examination the vessels and mortar-beds were found to be uninjured. On that night, at two o'clock, I ordered Lieutenant Commanding Queen to drop out of the line of fire, and I placed him on the south shore, in a safer and closer position, though not one where he could work to such advantage, the fort being plainly visible from his late position, and the effect of the shells could be more plainly noted. On the south shore the pointing of the mortars could only be done from sights fixed to the mastheads, and many curious expedients were resorted to to obtain correct firing, expedients very creditable to the intelligence of the commanders of the vessels. We heard afterwards that our first day's firing had been more accurate than that of any other day, though it was all good.

On the morning of the 19th we opened fire on the enemy again, when he tried his best to dislodge us from behind our forest protection without effect; our fire was kept up as rapidly as the men could carefully and properly load, the enemy returning it with what heavy guns he could bring to bear on us, most of his shot going over us amongst the shipping and gunboats, which were on guard and employed drawing the fire away from us. About nine o'clock in the second morning the schooner Maria J. Carleton, Charles Jack, master, was sunk by a rifle shell passing down through her deck, magazine, and bottom. I happened to be alongside at the time and had nearly all the stores saved, also the arms. As she went down the mortar was fired at the enemy for the last time, and that was the last of the "Carleton." We hauled her on to the bank when we found that she was sinking, and were thus enabled to save many of her stores; but she finally slipped off the bank into deeper water, and nothing was left visible but her upper rail. Two men were wounded in the Carleton. Acting Master Charles Jack came out in this vessel from New York; he lost his mainmast in a gale off Cape Hatteras, but persevered until he arrived in Key West, and sailed with the flotilla to Ship island. He went through another gale, but got into port safe. He was almost always up with the rest in working up the river under sail with his one mast; and when his vessel sunk he volunteered his services on board the vessel of Lieutenant Commanding Queen, to whose division he belonged. On the second day the firing from the forts was rather severe on the masts and rigging of the first division. I wanted to remove them a little further down, but was prevented from doing so at the request of Lieutenant Commanding Smith, who seemed determined not to withdraw until something was sunk. He had one man killed in the "Arletta," Acting Master Smith, by a ten-inch shot striking between the stop of the mortar bed and the mortar, which disabled it for a time only; it was repaired in two or three hours, the men meanwhile under fire, without any occupation to keep up their interest. One or two men were wounded this day. We had another conflagration in the fort, the shells having set fire to some quarters put up for officers on the north-west angle of the works; they were all consumed. The firing seemed to be good this day, though some said the shells went over, and others said they fell short. The proof of accuracy was that the batteries were silenced every time the shells were concentrated on any one point. The fuses being so bad, I gave up the plan of timing them, and put in *full-length fuses*, to burst after they had entered the ground. In some respects this was disadvantageous, but we lost but few by bursting before time in the air. The ground being wet and soft, the shells descended 18 and 20 feet into the ground, exploding after some time, lifted the earth up, and let it fall back into its place again, not doing a great deal of harm, but demoralizing the men, who knew not what the consequences might be. The effect, I am told, was like that of an earthquake. When the shells hit the ramparts they did their work effectually, knocking off large pieces of the parapet and shattering the casemates. On the third and fourth day the

ammunition on board began to grow short, and the steamers had to be sent down to bring it up, the boats of the squadron also assisting all they could, in the strong current, to supply the vessels. The steamers laid close to the mortar vessels while the shot and shell were flying all about; but, strange to say, not a vessel was struck, though I expected to see some of them injured. The employment of them in that way could not be avoided. Everything was conducted with the greatest coolness, and the officers and men sat down to their meals as if nothing was going on—shells bursting in the air and falling alongside, and shot and rifle shell crashing through the woods and tearing the trees up by the roots. On the fifth day the fire from the forts on the head of the first division was very rapid and troublesome. One hundred and twenty-five shots fell close to the vessels in one hour and thirty minutes, without, however, doing them any damage beyond hitting the Para, the headmost vessel, and cutting up the rigging and masts. The fire of the enemy had been attracted to the mastheads of one of the large ships which had been moved up, and which they could see over the woods. I deemed it prudent to move three of them two or three lengths, much to the annoyance of the officers, who seemed indisposed to yield an inch. Still, my duty was to look out for the vessels and not have them destroyed. The Norfolk Packet got a piece of a shell through her decks, and had her rigging and crosstrees cut away, and one man wounded. For three days and nights the officers and men had had but little repose and but few comfortable meals, so I divided the divisions into three watches of four hours each, firing from one division about 168 times a watch, or altogether, during 24 hours, 1,500 shell. This I found rested the crews and produced more accurate firing. Overcome with fatigue, I had seen the commanders and crews lying fast asleep on deck, with a mortar on board the vessel next to them, thundering away and shaking everything around them like an earthquake. The windows were broken at the Balise, thirty miles distant. It would be an interminable undertaking, sir, if I were to attempt to give a minute account of all the hard work performed in the flotilla, or mention separately all the meritorious acts and patient endurance of the commanders and crews of the mortar vessels. *All* stuck to their duty like men and Americans; and though some may have exhibited more ingenuity and intelligence than others, yet the performance of all commanded my highest admiration. I cannot say too much in favor of the three commanders of divisions, Lieutenants Watson Smith, W. W. Queen, and K. R. Breese. I can only say I would like always to have them at my side in times of danger and difficulty. They were untiring in their devotion to their duties, directing their officers, who could not be supposed to know as much about their duties as they did. I left the entire control of these divisions to themselves, trusting implicitly that they would faithfully carry out the orders which I had given them previous to the bombardment, and knowing that no powder or shell would be thrown away if they could help it. The end justified my confidence in them. During a bombardment of six days they were constantly exposed to a sharp fire from heavy guns. If they sustained no serious damage to their vessels it was no fault of the enemy, who tried his best to destroy them, and who, after I had withdrawn the vessels of Lieutenant Commanding Queen from a very exposed position, reported that he had sunk them.

After bombarding the fort for three days I began to despair of taking it, and, indeed, began to lose my confidence in mortars, but a deserter presented himself from Fort Jackson, and gave me such an account of the havoc made by our mortar practice that I had many doubts at first of his truth; he represented hundreds of shells falling into the fort, casemates broken in, citadel and outbuildings burnt, men demoralized and dispirited, magazine endangered, and the levee cut; we went to work with renewed vigor, and never flagged to the last.

On the night of the 20th an expedition was fitted out, under Commander Bell, for the purpose of breaking the chain; it was composed of the gunboats Pinola

and Itasca; it was arranged that *all* the mortars should play upon the fort while the operation was going on, which they did as fast as they could safely load and fire, 9 shells being in the air frequently at one time. The vessels were discovered, and the forts opened fire on them at a distance of three and eight hundred yards. Lieutenant Crosby informed me that but for the rapid and accurate fire of the mortars the gunboats would have been destroyed. The mortars silenced the batteries effectually, and Colonel Higgins ordered the men into the casemates, where they were in no way loth to go. These facts have been obtained from prisoners. The Itasca, Lieutenant Caldwell, slipped the chain of one vessel, and was swept ashore by the current, when the Pinola, Lieutenant Commanding Crosby, got her off, both remaining in that position over 30 minutes, though seen by the enemy and seldom fired at.

On the 23d I urged Flag-Officer Farragut to commence the attack with the ships at night, as I feared the mortars would not hold out, the men were almost overcome with fatigue, and our supply ships laid a good way off. The enemy had brought over two heavy rifle guns to bear on the head of our line, and I was aware that he was daily adding to his defences and strengthening his naval forces with iron-clad batteries. The 23d was appointed, but the attack did not come off. I had fortunately dismounted with a shell, on that day, the heaviest rifle gun they had on St. Philip, breaking it in two, and it annoyed us no more. I did not know it at the time, but thought the ammunition had given out. On the 23d the order was given to move at 2 o'clock in the order which the flag-officer will mention in his report. The steamers belonging to the mortar flotilla were assigned the duty of enfilading a heavy water battery of six guns and the barbette of guns which commanded the approach to the forts; and the mortars having obtained good range during the day were to try and drive the men from the guns by their rapid fire, and bursting shell over the parapets. The flotilla steamers, composed of the Harriet Lane, Lieutenant Commanding Wainwright, leading; Westfield, Commander Renshaw; Owasco, Lieutenant Commanding Guest; Clifton, Lieutenant Commanding Baldwin, and Miami, Lieutenant Commanding Harrell, moved up, (when the flag-officer lifted his anchor,) 70 fathoms apart, and took position under the batteries; the leading vessel 500 yards off, the others closing up as the fire commenced. Then, as soon as the Hartford, Brooklyn, and Richmond passed, they opened with shrapnell on the forts, having received the fire ten or fifteen minutes before replying to it. As the fire was high, and they were close in shore, nearer the forts than the enemy supposed, they occupied, as it turned out, a safer position than the vessels further out, there being only one killed and one wounded on board the Harriet Lane, while the other steamers remained untouched. The commanders of all the vessels on this occasion did their duty, coolly kept their vessels close up, fired rapidly and accurately, and the signal was not made to retire until the last vessel of our gallant squadron passed through the flames, which seemed to be literally eating them up; every man, spar, or rope was plainly seen amid the light, and every movement of the ships noted; that last vessel, the gallant Iroquois, would provokingly linger and slow her engines opposite the forts to give the rebels a taste of her formidable battery. When she also disappeared in the smoke our signal was hung out to retire, our duty having been accomplished, and the fort turning its entire attention to our little force. It could not, however, do us much harm, as the rain of mortar shells almost completely silenced them; never in my life did I witness such a scene, and never did rebels get such a castigation. Colonel Higgins ordered the men from the batteries into the casemates to avoid the mortar shells, which fell with particular effect on that night, while grapeshot and shrapnell from the ships gave them but few opportunities to fire from their casemates. The ships had gone by, the back bone of the rebellion was broken, the mortars ceased their fire, and nothing was heard for a time but the booming of guns as our fleet went flying up the river, scattering the enemy's gunboats

and sinking them as they passed. We all sat down to rest and speculate on the chances of seeing our old friends and brother officers again.

I was very hopeful myself, for I knew that the enemy had been too much demoralized during the last week by mortar practice to be able to stand against the fire of our ships. I gave the ships, when they started, forty-five minutes to pass the forts; they were only seventy from the time they lifted their anchors. I lost the services of a well-armed and useful vessel, the *Jackson*, for the attack on the batteries. Her commander, Lieutenant Commanding Woodworth, during the affair was appointed to tow the *Portsmouth* ahead of the mortar steamers, but was carried down the stream. He persisted, however, in taking her into her berth after the battle was over and the steamers had retired, and anchored her, I believe, within nine hundred yards of the fort. His reception and that of the *Portsmouth* was a warm one, for the east batteries opened on them; and, after escaping miraculously, the *Portsmouth*, with some shots in her hull and rigging and one or two killed and wounded, coolly drifted out from under the guns and took her old position. Had the rebels not been overcome with despair she would have fared badly.

Immediately on the passage of the ships I sent Lieutenant Commanding Guest up with a flag of truce, demanding the surrender of the forts. The flag of truce was fired on, but apologized for afterwards. The answer was, "The demand is inadmissible." Giving the men that day to rest, I prepared to fill up the vessels with ammunition and commence the bombardment again. Having in the meantime heard from Flag-Officer Farragut that he had safely passed the batteries, I determined to make another attempt on these deluded people in the forts to make them surrender, and save the further effusion of blood. Flag-Officer Farragut had unknowingly left a troublesome force in his rear, consisting of four steamers and a powerful steam battery of four thousand tons and sixteen heavy guns, all protected by the forts. I did not know in what condition the battery was, only we had learned that she had come down the night before, ready prepared to wipe out our whole fleet. If the enemy counted so surely on destroying our whole fleet with her, it behooved me to be prudent, and not let the mortar vessels be sacrificed like the vessels at Norfolk. I commenced, then, a bombardment on the iron-clad battery, supposing it lay close under Fort Jackson, and also set the vessels to work throwing shells into Fort Jackson again, to let them know that we were still taking care of them; but there was no response: the fight had all been taken out of them. I sent the mortar vessels below to refit and prepare for sea, as also to prevent them from being driven from their position in case the iron battery came out to attack them. I felt sure that the steamers alone could manage the battery. Six of the schooners I ordered to proceed immediately to the rear of Fort Jackson and blockade all the bayous, so that the garrison could not escape or obtain supplies. I sent the *Miami* and *Sachem* to the rear of Fort St. Philip, to assist in landing troops. These vessels all appeared at their destination at the same time, and when morning broke the enemy found himself hemmed in on all sides. It was a military necessity that we should have the forts. Our squadron was cut off from coal, provisions, and ammunition; our soldiers had but little chance to get to New Orleans through shallow bayous; the enemy in the city would hesitate to surrender while the forts held out; communication was cut off between them, and neither party knew what the other was willing to do. So I demanded a surrender again, through Lieutenant Commanding Guest, offering to let them retain their side-arms and engage not to serve against the United States during the rebellion until regularly exchanged, provided they would honorably deliver up, *undamaged*, the forts, guns, muskets, provisions, and all munitions of war, the vessels under the guns of the fort, and all other public property. The answer was civil, and hopes were held out that, after being instructed by the authorities of New Orleans, they would surrender. In the meantime their men

became dissatisfied at being so surrounded; they had no hope of longer holding out with any chance of success, and gave signs of insubordination. On the 28th a flag of truce came on board the Harriet Lane, proposing to surrender Jackson and St. Philip on the terms proposed, and I immediately proceeded to the forts, with the steamers Westfield, Winona, and Kennebec in company, and sent a boat for General Duncan and Lieutenant Colonel Higgins, and such persons as they might see fit to bring with them. These persons came on board, and, proceeding to the cabin of the Harriet Lane, the capitulation was drawn up and signed, the original of which I have had the honor of forwarding to the department by Captain Bailey, no opportunity occurring to send it through Flag-Officer Farragut, without loss of time. The officers late commanding the forts informed me that the vessels would not be included in the capitulation, as they (the military) had nothing to do with the naval officers, and were in no way responsible for their acts. There was evidently a want of unanimity between the different branches of the rebel service. I afterwards found out that great ill-feeling existed, the naval commander having failed, in the opinion of the military, to co-operate with the forts; the true state of the case being that they were both sadly beaten, and each laid the blame on the other. While engaged in the capitulation an officer came below and informed me that the iron floating battery (the Louisiana) had been set on fire by two steamers which had been lying alongside of her. This was a magnificent iron steam floating battery of four thousand tons and mounting sixteen heavy guns, and perfectly shot-proof. She had been brought down from New Orleans the day before, and on it the hopes of their salvation seemed to depend, as will appear by the following letter from General Duncan, taken in the fort:

FORT JACKSON, *Louisiana*, April 22, 1862.

CAPTAIN: Your note of this date relative to the steamer Louisiana, the forwardness of her preparations for attack, the dispositions to be made of her, &c., has been received.

It is of vital importance that the present fire of the enemy should be withdrawn from us, which you alone can do. This can be done in the manner suggested this morning, under the cover of our guns, while your work on the boat can still be carried on in safety and security. Our position is a critical one, dependent entirely on the powers of endurance of our casemates, many of which have been completely shattered, and are crumbling away by repeated shocks, and therefore I respectfully, but earnestly, again urge my suggestions of this morning upon your notice. Our magazines are also in danger.

Very respectfully, your obedient servant,

J. K. DUNCAN,
Brigadier General.

Captain J. K. MITCHELL,

Commanding Naval Forces Lower Mississippi River.

I was in hopes of saving this vessel as a prize, for she would have been so materially useful to us in all future operations on the coast, her batteries and strength being sufficient to silence any fort here, aided by the other vessels. Seeing her lying so quiet, with colors down and the two steamers under our guns, I never dreamed for a moment that they had not surrendered. The forts and ourselves had flags of truce flying, and I could not make any movement without violating the honor of the United States and interrupting the capitulation which was being drawn up. The burning of the vessels was done so quietly that no one suspected it until the battery was in a blaze. I merely remarked to the commanders of the forts that the act was in no way creditable to the rebel commander. The reply was, "we are not responsible for the acts of these naval officers." We proceeded with the conference, and while so en-

gaged an officer came to inform me that the iron clad battery was all in flames and drifting down on us, having burnt the ropes that had fastened her to the bank. I inquired of the late commanders of the forts if they knew if the guns were loaded, or if she had much powder on board. The answer was, "I presume so, but we know nothing about the naval matters here." At this moment the guns, being heated, commenced going off, with a probability of throwing shot and shell amidst friend and foe. I did not deign to notice it further than to say to the military officers, "if you don't mind the effects of the explosion which is soon to come, we can stand it." If the ever memorable Commander Mitchell calculated to make a stampede in the United States vessels by his infamous act he was mistaken; none of them moved or intended to move, and the conference was carried on as calmly as if nothing else was going on, though proper precautions were taken to keep them clear of the burning battery. A good Providence, which directs the most unimportant events, sent the battery off towards Fort St. Philip, and as it got abreast of that formidable fort it blew up with a force which scattered the fragments in all directions, killing one of their own men in Fort St. Philip, and when the smoke cleared off it was nowhere to be seen, having sunk immediately in the deep water of the Mississippi. The explosion was terrific, and was seen and heard for many miles up and down the river. Had it occurred near the vessels it would have destroyed every one of them. This, no doubt, was the object of the arch traitor who was the instigator of the act. He failed to co-operate, like a man, with his military confederates, who looked to the means he had at his disposal to save them from destruction, and who scorned alike his want of courage in not assisting them, as well as the unheard of and perfidious act which might, in a measure, have reflected on them.

How different was the course of the military commanders, who, though engaged in so bad a cause, behaved honorably to the end. Every article in the fort was delivered up undamaged. Nothing was destroyed, either before the capitulation or while the capitulation was going on, or afterwards. The most scrupulous regard was paid to their promises. They defended their works like men, and had they been fighting for the flag under which they were born instead of against it, it would have been honor enough for any man to have said he had fought by their side.

After the capitulation was signed, I sent Commander W. B. Renshaw to Fort Jackson, and Lieutenant Commanding Ed. Nichols to Fort St. Philip, to receive the surrender of the forts. The rebel flag was hauled down and the stars and stripes once more floated over the property of the United States. The sun never shone on a more contented and happy looking set of faces than those of the prisoners in and about the forts. Many of them had not seen their families for months, and a large portion had been pressed into a service distasteful to them, subject to the rigor of a discipline severe beyond measure. They were frequently exposed to punishments, for slight causes, which the human frame could scarcely endure, and the men who underwent some of the tortures mentioned on a list of punishments I have in my possession must have been unable afterwards to do any duty for months to come. Instead of the downcast countenances of conquered people, they emerged from the fort (going home on their parole) like a parcel of happy school boys in holiday times, and no doubt they felt like them also.

When the flags had been exchanged I devoted my attention to Commander Mitchell, who was lying a half mile above us with three steamers, one of which he had scuttled. Approaching him in the Harriet Lane, I directed Lieutenant Commanding Wainwright to fire a gun over him, when he lowered his flag. I then sent Lieutenant Commanding Wainwright on board to take possession and receive the unconditional surrender of the party, consisting of fourteen naval officers and seven engineers, temporarily appointed; the crew of the iron-clad battery con-

sisted of three hundred men and two companies of marine artillery, nearly all from civil life, and serving much against their will, so they said. Commander Mitchell and the other naval officers were transferred to the Westfield as prisoners of war, and as soon as time would allow the marines and sailors were sent in one of the captured vessels to Flag-Officer Farragut, at New Orleans. The captured military officers were sent up to New Orleans on their parole; and thus ended the day on which the great Mississippi rejoiced once more in having its portals opened to the commerce of the world. The backbone of the rebellion was broken, and from the appearance and talk of the soldiers we might soon hope to see the people united again under the folds of the flag of the Union. While the capitulation was going on I sent the steamer Clifton down to bring up troops, and when General Phelps came up I turned the forts, guns, and munitions of war over to his keeping. My next step was to visit Forts Jackson and St. Philip. Never in my life did I witness such a scene of desolation and wreck as the former presented—it was ploughed up by the thirteen-inch mortars, the bombs had set fire to and burnt out all the buildings in and around the fort; casemates were crushed and were crumbling in, and the only thing that saved them were the sand bags that had been sent from New Orleans during the bombardment, and when they began to feel the effects of the mortars. When the communication was cut off between them and the city this resource of sand-bags could avail them no longer. It was useless for them to hold out; a day's bombardment would have finished them; they had no means of repairing damages; the levee had been cut by the thirteen-inch bombs in over a hundred places; and the water had entered the casemates, making it very uncomfortable, if not impossible, to live there any longer. It was the only place the men had to fly to out of reach of the bombs. The drawbridge over the moat had been broken all to pieces, and all the causeways leading from the fort were cut and blown up with bomb-shells, so that it must have been impossible to walk there or carry on any operations with any degree of safety. The magazine seems to have been much endangered, explosions having taken place at the door itself, all the cotton bags and protections having been blown away from before the magazine door. Eleven guns were dismounted during the bombardment, some of which were remounted again and used upon us. The walls were cracked and broken in many places, and we could scarcely step without treading into a hole made by a bomb-shell; the accuracy of the fire is, perhaps, the best ever seen in mortar practice; it seems to have entirely demoralized the men and astonished the officers. A water battery, containing six very heavy guns, and which annoyed us at times very much, was filled with the marks of the bombs, no less than 170 having fallen into it, smashing in the magazine, and driving the people out of it. On the night of the passage of the ships this battery was completely silenced, so many bombs fell into it and burst over it. It had one gun in it, the largest I have ever seen, made at the Tredegar works. I would not pretend to say how many bombs fell in the ditches around the works, but soldiers in the forts say about three thousand; many burst over the works, scattering the pieces of shell all around. The enemy admit but fourteen killed and thirty-nine wounded by the bombardment, which is likely the case, as we found but fourteen fresh graves, and the men mostly stayed in the casemates, which were three inches deep with water and very uncomfortable. Many remarkable escapes and incidents were related to us as having happened during the bombardment. Colonel Higgins stated an instance where a man was buried deep in the earth, by a bomb striking him between the shoulders, and directly afterwards another bomb exploded in the same place, and threw the corpse high in the air. All the boats and scows around the ditches and near the landing were sunk by bombs; and when we took possession the only way they had to get in and out of the fort to the landing was by one small boat to ferry them across. All the lumber, shingles, and bricks used in building or repairs was scattered about in confusion

and burnt up, and every amount of discomfort that man could bear seemed to have been showered upon those poor deluded wretches.

I was so much struck with the deserted appearance of what was once a most beautiful spot, that I ordered Mr. Gerdes and his assistants on the coast survey to make me an accurate plan of all the works, denoting every bomb that fell, and (as near as possible) the injury the fort had sustained, every distance being accurately measured by tape-line and compass, and the comparative size of fractures noted. The work has been executed with great zeal and accuracy, though it will only give a faint idea of the bombs that fell about the fort; many are lost sight of in the water, which has been let in by the cut levees; many burst over the fort; but enough have been marked to indicate the wonderful precision of fire and the endurance of the forts. Had the ground been hard instead of being soft mud, the first day's bombardment would have blown Fort Jackson into atoms; as it is, it is very much injured, and will require thorough repair before it can be made habitable.

Fort St. Philip received very little damage from our bombs, having fired at it with only one mortar, and that for the purpose of silencing a heavy rifled gun which annoyed us very much; we were fortunate enough to strike it in the middle, and break it in two, and had not much more annoyance from that fort; two guns were capsized by a bomb at one time, but without injuring them; they were soon replaced; some trifling damage was done to the works, though nothing to affect the efficiency of the batteries; it was from Fort St. Philip that our ships suffered most, the men and officers there having had, comparatively, an easy time of it. I felt sure that St. Philip would surrender the moment Jackson hauled down the secession flag, and consequently directed all the attention of the mortar schooners to the latter fort. The final result justified me in coming to this conclusion.

I trust that you will excuse me, sir, for dwelling so minutely on matters relating to this important victory, though I have endeavored to make my report as short as possible.

Every little incident in this ever to be remembered drama will be interesting to the true lovers of our Union, who will rejoice over the fact that the great river which is the main artery of our country is once more in our possession, and that we may soon hope to see the stars and stripes floating over every hut and hamlet along its banks. It only remains for me, sir, to do justice to the officers who have been under my command during this arduous and sometimes unpleasant service. Commander Renshaw, Lieutenant Commanding Guest, Lieutenant Commanding Wainwright, Lieutenant Commanding Harrell, Lieutenant Commanding Baldwin, Lieutenant Commanding Woodworth, are the officers commanding steamers connected with the flotilla. Their duties were various and arduous—towing, supplying, and getting under the guns of the fort when opportunities offered, or they were permitted to expose their vessels. In the attack on the water batteries Lieutenant Commanding Wainwright commanded the *Harriet Lane* (as I noticed) coolly and bravely; and his officers and crew did their duty, all the vessels lying quietly under the heavy fire for fifteen minutes, until it was time to open their batteries, which they did with effect, until the time came to retire. Commander Renshaw made his rifle gun tell with effect, keeping his vessel in close order. Lieutenant Commanding Guest, with his zealous crew, who had fired over 200 shell at the forts at different times, kept his shell flying as fast as usual, bursting (as I witnessed) with good effect in the midst of the batteries. Lieutenant Commanding Baldwin, who I have always found ready for any duty, no matter how arduous or thankless, was in no way behind any one; his heavy battery of nine-inch and thirty-two-pounders rattled through the outer works of the fort, helping to keep Jackson quiet while our heavy ships were forcing their way through logs chained together, fire rafts, rams, to say nothing of the enemy's gunboats, iron batteries,

and forts built to dispute the passage of any fleet which might be sent against them. The steamer Jackson, Lieutenant Commanding Woodworth, towed the Portsmouth gallantly into fire, though his position was more gallantly than wisely taken; he was fortunate that his vessel and the Portsmouth were not cut to pieces. I have been so struck with the energy and zeal of Lieutenants Commanding Woodworth and Baldwin, that I hope the Navy Department will reward them by reappointing them as permanent officers in the service, (if they will accept it,) for while the navy is composed of such men it will never be defeated in equal contests. Lieutenant Commanding Harrell, of the Miami, has had under his command a most wretched and unmanageable vessel, and has not had an opportunity to do himself full justice; he was always ready to do any service required of him, and on the night of the attack, with the rest, worked his battery with effect. As soon as the forts had been passed, on account of his light draught, I sent him to co-operate with General Butler in landing troops outside, which duty he performed to my entire satisfaction.

If the efforts of the mortar flotilla have not met your expectations in reducing the forts in a shorter time, it must be remembered that great difficulties existed, first in the soil, which allowed the bombs to sink at least twenty feet, by measurement, before exploding, the difficulty of seeing the fort, as it is not much above the surrounding bushes, and the endurance of the casemates, which were deeply covered with earth, and better constructed than supposed; but I am firmly of opinion that the moral effect of this bombardment will go far towards clearing all forts of rebels, and I draw attention to the case of Fort Livingston, which held out a flag of truce the moment three mortar vessels appeared before it. Flag-Officer Farragut has ordered me to repair to Ship island to await the arrival of the larger vessels, but not to commence any operations until he arrives.

I herewith enclose the reports of the commanders of steamers in relation to the conduct of those under their command.

I have the honor to remain, very respectfully, your obedient servant,

DAVID D. PORTER,

Commanding Flotilla.

Hon. GIDEON WELLES,
Secretary of the Navy.

Report of Commander W. B. Renshaw, United States Steamer Westfield.

UNITED STATES STEAMER WESTFIELD,
Mississippi River, May 5, 1862.

SIR: Agreeably to your order, I have the honor to submit the following report of the operations of the United States steamer Westfield, under my command, since her arrival in the Mississippi river.

Upon our reaching Pass à l'Outre, on the morning of the 18th of March, I had the honor of reporting my arrival to you in person, and by your order at once proceeded to tow the mortar schooners inside the bar. From that date until the 13th day of April we were constantly engaged towing and assisting in getting the United States ships Mississippi and Pensacola over the bar at Southwest Pass.

On the 13th, while engaged covering the Coast Survey party, who were triangulating the river, you joined us with the Harriet Lane and other vessels of the squadron, and ordered me to start ahead and endeavor to reach with our rifle shot two of the rebel gunboats that were below the point watching our motions. Two discharges of the rifle caused them to retire, and join some six

or eight of their squadron lying under the guns of Fort Jackson. We continued our advance, and soon brought the whole squadron within range of our 100-pounder rifle, when we again opened fire, and so successfully that (as I have since learned from prisoners) we broke the shaft of the gunboat *Defiance*, and otherwise so much crippled her that she was subsequently sunk by her crew. The forts having opened upon us, our signal of recall was made, and we returned to our station.

On the morning of the 17th our boats, together with those of the mortar flotilla, extinguished the fire, and towed on shore a large fire raft, and on the night of the 17th we ran alongside to windward of another large fire raft. We threw water from our force pumps upon it, and materially assisted in subduing the flames.

On the afternoon of the 18th, after assisting in towing the mortar schooners to their positions, I was directed by you to proceed up the river and drive off a steamer that menaced the head of our line of mortar vessels. The steamer fled upon our approach, but having reached a position that brought the forts in easy range of our rifle, we fired deliberately ten shots with that gun, many of which, I have reason to believe, took effect upon Fort St. Philip, the enemy at the same time throwing their rifle and 10-inch shot and shell thickly around us.

At 3.30 a. m. on the morning of the 21st we discovered another large fire raft, which we ran alongside of and assisted in extinguishing. From the 19th to the 24th instant we were engaged with the rest of the flotilla steamers in supplying the mortar schooners with ammunition.

On the morning of the 24th we got under way, in company with the flotilla steamers, led by yourself in the *Harriet Lane*, together with all the vessels of the squadron, for the attack on Forts Jackson and St. Philip. At 3.45 we opened fire with all our guns upon Fort Jackson at an estimated distance of 600 yards, and remained in this position until your signal was made to cease firing and retire from action.

I am happy to inform you that during this heavy cannonade this ship was not injured or a man hurt on board, owing to the fire of the enemy, from the face of the fort we engaged, having passed over us.

It also affords me the highest gratification to express my unqualified approbation and high appreciation of the bravery and zealous attention to duty of the officers and crew of the ship, whether engaged in our unremitting duties or when under fire of the enemy's guns.

During our operations against the forts we have expended thirty-five rifle shot and shell, eleven 9-inch shell, and seventeen 8-inch shell. Here let me state, sir, that upon the several occasions this ship has been under the fire of the forts, I have been constrained from using my very efficient rifled gun as frequently as I could have desired, in consequence of there being no more projectiles (than those we had on board) upon the station. I will also state that it was in accordance with your wishes that I was thus careful of the few shot and shell we had.

Permit me, in conclusion, to call your attention to the fact, in explanation of the seemingly small amount of ammunition we have expended, that upon all the occasions this ship has been engaged (save the action of the 24th ultimo) it was advantageous to fight her "head on," which prevented the use of all the guns except the rifle.

Respectfully submitted.

W. B. RENSHAW,
Commander United States Navy.

Commander D. D. PORTER,
Commanding Mortar Flotilla, Mississippi River.

Report of Lieutenant Commanding A. D. Harrell, United States Steamer Miami.

UNITED STATES STEAMER MIAMI,
Mississippi River, April 24, 1862.

SIR: I have the honor to report that, in obedience to your order, I weighed anchor at half-past 2 o'clock on the morning of the 24th instant, and took my assigned position in the line. At the proper time opened and continued fire upon Fort Jackson until ordered to discontinue.

I have pleasure in adding that officers and men did their whole duty, and although shot and shell passed over and fell thickly around us, we sustained no injury.

Very respectfully, your obedient servant,

A. D. HARRELL,
Lieutenant Commanding.

Commander D. D. PORTER,
Commanding Mortar Flotilla, Mississippi River.

UNITED STATES STEAMER MIAMI,
Mississippi River, May 3, 1862.

SIR: I have the honor to report that, in obedience to your order of the 24th ultimo, which I received immediately after the action of that morning, I received General Butler and staff on board, and proceeded to Pilot Town for the boats which I was ordered to procure.

After obtaining them, I immediately started to Isle au Breton bay, and there received on board one regiment of troops, which I landed at quarantine station, above and in the rear of Fort St. Philip. I continued conveying and landing troops until the forts surrendered. I then proceeded and landed seven hundred and fifty troops at New Orleans on the first instant.

Very respectfully, your obedient servant,

A. D. HARRELL,
Lieutenant Commanding.

Commander D. D. PORTER,
Commanding Mortar Flotilla, Mississippi River.

Report of Lieutenant J. M. Wainwright, commanding United States steamer Harriet Lane.

UNITED STATES STEAMER HARRIET LANE,
Mississippi River, April 25, 1862.

SIR: In obedience to your order, I beg leave to submit the following report of the part taken by this vessel in the action on the morning of the 24th instant, between the United States naval forces and the batteries of Forts Jackson and St. Philip.

At 1.30 a. m. all hands were called, in anticipation of the signal from the flag-ship to prepare to get under way, which was made at 2 a. m. Every preparation for a move being completed, we impatiently waited the moment when our turn would come.

In the meantime the vessels of the fleet were getting under way, and forming in their respective lines, the starboard under Captain Bailey, in the gunboat

Cayuga, leading. At 3.28 a. m., the fleet being all under way, and steaming up the river, signal was made to the steamers of the mortar flotilla to weigh anchor, and we stood up towards the forts, our duty being to take an enfilading position below the water battery of Fort Jackson.

At 3.45 a. m. the forts opened on the leading ships, and immediately thereafter the mortar vessels commenced, and at 3.50 were raining a rapid and continuous fire on the enemy such as has rarely before been witnessed.

The crew were now called to quarters, and we steamed rapidly up the river to take our appointed position. Shortly after we passed the head of the line of mortar vessels we found ourselves under the fire of the enemy, which was very hot, but most fortunately too high. It was not till 4.20 a. m. that our guns could be brought to bear, when we opened on them with shell and shrapnell.

At 4.30 a. m. a shot carried away one of the stanchions and a portion of the railing of the bridge between the wheel-houses, the fragments of which killed one man, and seriously wounded another stationed at the 9-inch gun, on the quarter-deck.

We retained our position within five hundred yards of Fort Jackson, firing as rapidly as possible, till 4.50 a. m., when the last vessel was seen to pass between the forts. The signal was then made to retire from action, and we stood down the river to our former anchorage, followed by the steamers of the mortar flotilla. At 4.55 a. m. four rockets were sent up, as a signal to the mortar vessels to cease firing, and shortly after we came to an anchor astern of them.

It gives me great pleasure to say that one and all the officers and crew of this vessel did their duty like men, and displayed commendable coolness under a heavy fire, which they were obliged to endure for some minutes before it could be returned. My especial thanks are due to the executive officer, Lieutenant Edward Lea, who had the general superintendence of the battery; Acting Masters Willis F. Munroe and Charles H. Hamilton, commanding the gun divisions, and Acting Master J. A. Hannum, in charge of the powder division, which was well and rapidly served; also to Acting Master George W. Sumner, an *élève* of the Naval Academy, attached to the Horace Beall, who volunteered for service, and gave me his valuable assistance in superintending the cutting of shrapnell, &c.

In conclusion, you must permit me to render the humble tribute of my admiration to the coolness, ability, and untiring zeal you have displayed during the arduous and perilous duty so gallantly performed for the last six days by the mortar flotilla. Such an example could not fail to inspire the confidence of those under your command in the glorious success which has attended their exertions, and which the result has proved to be so well founded.

I herewith enclose the report of the medical officer of the casualties which occurred on board this vessel.

I am, very respectfully, your most obedient servant,

J. M. WAINWRIGHT,
Lieutenant Commanding.

Commander DAVID D. PORTER,
Commanding Mortar Flotilla.

Report of Lieutenant commanding John Guest, United States Gunboat Owasco.

UNITED STATES STEAM GUNBOAT OWASCO,
Mississippi River, April 28, 1862.

SIR: In obedience to your instructions I submit this report:

At meridian on the 12th of April, the Owasco being at the head of the passes, by your order I got under way to protect the steamer Sachem, having on board

the Coast Survey party, under Mr. F. H. Gerdes, while making a reconnaissance of the river. On reaching our advanced squadron of gunboats, Commander S. P. Lee, senior officer, I reported to him that I was about to pass ahead for the purpose above indicated.

Captain Lee said the enemy were in large force, and he would follow with all the gunboats. As it was too late, when the Sachem got up to us, to work, we deferred proceeding till morning. In the meantime I advised you, sir, of the state of affairs, and next morning, shortly after I had commenced work, I had the satisfaction to see you pass me with all the steamers of the mortar flotilla, which doubtless prevented much annoyance from the enemy.

Clearing the bushes with canister from our howitzers, the surveyors, Messrs. Oltmanns and Bowie, landed in one of our boats and prosecuted their work without molestation.

On the 14th we resumed the work, and carried the triangulation well up to the forts on the right bank of the river, supported by the Westfield, Commander Renshaw. The surveyors were landed at the point desired, in the Owasco's gig, under charge of Master's Mate Thomas D. Babb. As the boat shoved off I observed three of the rebel steamers within gunshot, and, fearing they might fire upon our boat, I opened upon them. After firing four shells from the 11-inch gun and three from the rifled gun, the steamers moved up to the forts. At this moment some riflemen in the bushes fired at the gig boat, without hurting any one, although an oar was struck. Mr. Babb, with perfect composure, returned the fire from his boat. The surveying party, with equal coolness, put up their signals and took three angles, one hundred yards from the spot where they were fired at.

On the 15th, as the work had not been carried sufficiently high up on the left bank of the river, by your order I took the party up that side, followed by the Miami as a support.

After the surveyors had finished, finding myself within easy range of the forts, just before leaving I fired an 11-inch shell into Fort Jackson, to try their range. They fired twice in return, one of the shots passing over us and falling a quarter of a mile astern, the other just ahead of us.

Too much praise cannot be awarded Messrs. Oltmanns and Bowie for the intrepid and skilful manner in which they performed this service.

On the 16th the Owasco accompanied you in your experimental trial with three of the mortar schooners in trying the ranges on the forts from the left bank of the river. This day the enemy fired about twenty shots, but without effect.

On the 17th our boats, in charge of Mr. Babb, were employed in towing fire ships clear of the fleet.

On the 18th, at 6 a. m., we got under way, and soon received orders from you to proceed ahead of the bomb schooners, on the right bank, to clear the bushes of riflemen near the designated position of the mortar schooners. In obedience thereto we steamed close along the bank of the river until we arrived at a smokepipe of a sunken steamer, when the forts, at five minutes past nine, fired two shots at us, which I immediately returned from my 11-inch gun. This was followed by sharp firing from both forts.

Being within easy range of Fort Jackson, I directed my fire upon it and continued the action; twenty minutes after that the first mortar schooner opened, and after that at intervals, as fast as they could be got into position.

At 10 o'clock I was glad to see the Iroquois, Captain De Camp, come to my support, and after her the gunboats, one by one. The fire of the forts was dispersed among them, and was not so severe around us, although still quite sharp.

Previous to the appearance of the Iroquois, in the thickest of the firing, all on board the Owasco were much gratified at a visit from you, sir, when you came to tell us that you had asked that the gunboats of the fleet might be sent to our support.

We maintained our position for two hours and three-quarters, until we had expended our last shell, when we retired from action, by your order, having fired one hundred 11-inch shells, and thirty-seven shells from our rifled gun.

Went down immediately to the ordnance-ship Sportsman; filled up with ammunition; found there were no cartridges made; but my men cheerfully worked all night, cutting out and sewing up cylinders, and by next morning (the 19th) we were ready for action again.

Coming up with the bomb-fleet, and hearing you were on board the flag-ship, steamed up to our old position, and opened fire again on Fort Jackson. Fired fifty-five 11-inch shells, and twelve from the rifled gun.

The firing from the forts was very sharp. At this time I had another welcome visit from you, and retired, at your order, as it was thought 11-inch ammunition was running short, and it was desirable to keep it for closer distance.

By your permission I crossed the river to look for an anchor I had slipped the night before; but not finding it, I returned to my old position, near the smoke-pipe of the sunken steamer, and finding the three leading mortar schooners in great danger of being sunk by the enemy's fire, I delivered ten 11-inch shell to Fort Jackson, and then sought you to inform you of the fact. Having received orders to withdraw them for a time, I returned and delivered your order to Lieutenant Commanding Watson Smith, who executed it.

On the 20th, 21st, 22d, and 23d, we were engaged in supplying the mortar schooners with ammunition—very often under fire.

On the 24th, at 3.15 a. m., in the general attack, the Owasco took her position—the third in your line, by order—and followed your motions.

Opened with shrapnell at 4 a. m., and continued a deliberate fire until 4.45, taking care not to fire in the direction of our ships which were passing the forts.

At 4.45 observed your signal, "Retire from action," which we did.

Shortly afterwards, observing the Itasca running ashore, and smoke issuing from her, supposed her to be on fire. I immediately steamed alongside of her, with my fire-hose ready, when Captain Caldwell informed me he was not on fire, but had a shot through one of his boilers. Sent two boats' crews to her assistance.

At 9.30 a. m. I proceeded, by your order, with a flag of truce flying, to demand the surrender of Forts Jackson and St. Philip. When the Owasco reached a position within range, Fort Jackson fired two shots ahead of her.

I stopped the engine and sheered across stream; notwithstanding this, Fort St. Philip fired a shot at the Owasco, which passed over us.

I returned to report to you, sir, that they did not seem willing to receive a flag of truce; of course, I did not return the fire.

An hour afterwards a boat was seen coming from Fort Jackson with a flag of truce. I went to meet it, by your orders, and asked to be allowed to enter the rebel boat and take your demand to the commanding officer of the fort; but this was declined, and I delivered the demand for surrender to the officer who was sent to meet me. This officer apologized for firing upon the flag, saying there was some misunderstanding at Fort St. Philip, and the commanding officer immediately signalized not to fire, &c. I told him it made no difference.

When the boat returned from the fort the officer brought answer from the fort that your proposition to surrender was "inadmissible."

On the 25th, employed in clearing the river of men and boats, and means of giving information to the enemy, and carried orders to mortar schooners at Pilot Town.

On the 26th, employed reconnoitring; encountered a large iron ram and battery, disabled, floating down the river; boarded and examined it.

On the 27th, carried, under a flag of truce, your written demand for the surrender of the forts, and brought you the answer of the commanding officer.

Went to the head of the passes to overhaul some of the machinery.

To-day the forts have surrendered to you, sir, and it is a *finale* which will stir the heart of every true American with pride and joy.

I regard the achievements of our navy in this river as without a parallel in the naval world.

It is with great pleasure that I bring to your notice Lieutenant Chester Hatfield, first lieutenant of the *Owasco*, who, in all these events, in action and in the very heavy duties which have devolved upon him for weeks past, has proved himself a brave and capable officer.

Acting Master D. P. Heath, who had charge of the 11-inch gun, worked it admirably, and with perfect coolness and precision.

Master's Mate Thomas D. Babb, at the rifled gun, did his duty well.

Master's Mate John G. Arbona, and my clerk, Mr. A. D. R. Crawford, (the latter doing duty as midshipman,) were active and efficient. Master's Mate John Utter served the powder division in a very satisfactory manner, assisted by Assistant Paymaster R. Beardsley. Assistant Surgeon W. W. Leavit, having no wounded, remained on deck, and was active in carrying orders.

The engine was worked by Chief Engineer W. K. Purse and his assistants, Mr. J. A. Scott, C. H. Greenleaf, and D. M. Egbert.

My crew behaved splendidly. I cannot particularize, except in one case—that of Edward Farrel, quartermaster, who was stationed at the masthead, and observed and reported the effect of the fire of our guns. His intelligence, coolness, and capacity were conspicuous.

The 11-inch gun having been fired 198 times, has considerably shaken the *Owasco*, so that the deck *will not hold water*. After a time, when she can be spared, she will have to be overhauled and caulked; in the meantime we will do the best we can, although the men cannot sleep dry in their hammocks when it rains.

I am, sir, your obedient servant,

JOHN GUEST,
Lieutenant, Commanding Owasco.

Com. D. D. PORTER,
Commanding Mortar Flotilla.

Report of Acting Lieutenant Commanding S. E. Woodworth, United States steamer John P. Jackson.

UNITED STATES STEAMER J. P. JACKSON,
Mississippi River, April 30, 1862.

SIR: I have the honor to report to you that, in obedience to your order of the 23d instant, I proceeded to comply therewith. Thinking it would be a saving of time, about 7 o'clock that evening I dropped down alongside the sloop-of-war *Portsmouth*, and made fast to her. Shortly after midnight she broke from her moorings, and was carried down stream by the force of the current. Not having sufficient steam, it was near 2 o'clock, the time we anticipated your signal, before I could recover her. Captain Swartwout not being ready, it was 3½ o'clock before we started to take the position assigned to us. We steamed slowly up river until within a short distance of the point, on the Fort Jackson side of the river, and about 300 yards above the sunken steamer, when Captain Swartwout ordered me to stop and come to an anchor. We were immediately opened upon by a water battery. Casting loose from the *Portsmouth*, we opened upon the battery with our pivot guns and nine-inch port, and continued to engage them, firing until the current drifted me out of range. We were struck twice by frag-

ments of shell, but I am glad to say no one on board was injured, although exposed for some time to the whole fire of all the batteries of Forts Jackson and St. Philip.

Very respectfully, your obedient servant,

SELIM E. WOODWORTH,

Acting Lieutenant, Commanding.

Commander D. D. PORTER,

Commanding Bomb Flotilla.

Report of Acting Lieutenant Commanding C. H. Baldwin, United States steamer Clifton.

UNITED STATES STEAMER CLIFTON,

New Orleans, May 1, 1862.

SIR: I have the honor to report that, since my arrival at Pass à l'Outre, on the 18th of March, I have been employed, with little intermission, as follows: Towing the mortar vessels attached to the flotilla to the Southwest Pass, and for the succeeding two weeks was constantly engaged in assisting the larger vessels belonging to the flag-officer's squadron, viz: the Pensacola and Mississippi, over the bar on which they had grounded, and in aiding the gunboats attached to same squadron when aground in the river.

After this we were employed in making reconnoissances of Forts Jackson and St. Philip, and in protecting the officers of the Coast Survey service while they were engaged in obtaining their distances, and in driving back the enemy's gunboats, which occasionally made their appearance outside the chain.

On the 17th of April we were assisting in towing mortar schooners into their positions, and, during the six days of the bombardment by these vessels, we were unremittingly employed in supplying them with powder and shell and in guard duty—our nights being passed in looking after the fire-rafts which the enemy sent down against the fleet, and in towing them ashore. In this duty, I believe I may say, we were quite successful.

These various duties during the six days of the bombardment carried our vessel pretty constantly under the fire of the enemy. We have, however, been so fortunate as to escape any injury from their shot.

On the morning of the 24th, in obedience to your order, we got under way, taking our appointed station in the line of steamers under your personal command, and proceeded to within short range of the guns of Fort Jackson, and opened fire on the enemy from our two forward nine-inch guns, aided at times by our nine-inch after pivot gun and 32-pounder forward broadside gun, using five-second shell and shrapnell. This we continued until the flag-officer's squadron had passed both forts, when, in obedience to your signal, we drifted out of range. I am happy to state that we escaped without injury.

The duties now entailed upon us were to keep a strict lookout upon the gunboats and floating battery of the enemy, which were lying close under the guns of Fort Jackson. Until the morning of the 28th, when Forts Jackson and St. Philip having surrendered to you, we were despatched some sixteen miles down the river to bring up a portion of the force under General Butler's command, then lying there. On the afternoon of that day this was accomplished, and we arrived in sight of the forts just as our own flags were hoisted in place of the rebel ensigns.

I towed up a large transport ship with 1,300 troops on board, under Brigadier General Phelps, and taking five companies of them on board the Clifton, landed them at both forts—they receiving their possession of them from the naval officers of your squadron, then in charge of the work.

I also, under your order, placed crews aboard the two rebel steamers, then in your possession, and transferred some 250 prisoners taken from the rebel gun-boats and floating battery to the officer in charge of Fort St. Philip.

We have just arrived here, having towed a transport up the river with a large number of General Butler's troops on board, intended to garrison the city of New Orleans, now held by our squadron.

Permit me here respectfully to state that officers and crew, whether employed in the harassing duties which so constantly devolved upon us of towing and getting large vessels over the bar, or while engaged with the enemy, have behaved so uniformly well that I hesitate to particularize any one individual. During the time above referred to, neither the ship, engines, nor boilers have been for a moment out of order in any respect.

I have the honor to be, sir, respectfully, your obedient servant,

C. H. BALDWIN,

Acting Lieutenant, Commanding.

Commander D. D. PORTER,

Commanding Flotilla.

Report of Lieutenant Commanding Watson Smith, first division mortar flotilla.

UNITED STATES MORTAR SCHOONER NORFOLK PACKET.

Mississippi River, May 3, 1862.

SIR: On the 18th ultimo, in obedience to your order, the first division of the flotilla moved up the right bank of the river to the flag indicated by you as distant from Fort Jackson 2,950 yards, and from Fort St. Philip 4,260 yards; the head vessels securing at that point with an anchor a little off shore, and light lines from the port bow and quarter to trees. The other vessels of the division, extending in close order to the distance of 3,620 yards from Fort Jackson, were secured in the same manner.

At 10 a. m. commenced firing upon Fort Jackson, discharging each mortar at intervals of ten minutes. The forts responded, their shot and shell falling around the vessels, and one, a 68-pound shot, killing a man on board the Arletta, and lodging under the mortar, but not disabling it. At 6.30 p. m. ceased firing, by signal from Harriet Lane.

April 19, at 7.30 a. m., the Harriet Lane made signal to commence firing. Discharged each mortar, at intervals of twenty minutes, upon Fort Jackson, until 8.45 a. m., when the interval was shortened to ten minutes. A shell bursting near the main masthead disabled one man who was aloft, destroyed a halliard block, and cut two main shrouds. At 4 p. m. ceased firing, the bombardment being continued by the divisions in watches.

On the 20th, 21st, 22d, and 23d, the firing was continued by the divisions in watches, excepting during the watch from 8 to midnight of the 20th, when the whole flotilla fired rapidly, while an expedition from the squadron cut the barrier chain near the forts.

No further injuries were sustained by persons in the first division, and but little damage to hulls, rigging, or spars, besides the occasional cutting by fragments of shells.

From the 21st the firing from Fort St. Philip was at times annoying, and by your direction two vessels at the head of the line directed their fire upon it. On the 23d the enemy did not reply.

April 24, at 3.30 a. m., the firing commencing between the forts and the squadron passing up the river, the whole flotilla commenced firing rapidly upon Fort Jackson. At 4.45 a. m. the squadron, with few exceptions, had passed the forts. Ceased firing by signal from Harriet Lane. During this one hour

and fifteen minutes this vessel fired twenty-eight shells, being at the rate of one in two and two-thirds minutes. The other vessels fired as rapidly. After the bombardment, on examining the vessels, all were found in condition to continue the fire or perform other service.

The heaviest charges used were twenty-three pounds, to reach Fort St. Philip, distant 4,710 yards, against a fresh wind.

Slight damage was done to the light bulwarks by the shock from the mortars but the mortar supports and the hulls below the plank sheer were unaffected.

On the same afternoon six of the mortar vessels were sent to sea upon blockading service, and three of them, the Arletta, C. P. Williams, and O. H. Lee, belonged to this division. Their quick departure and continued absence prevents my giving you the aggregate number of shells fired by the first division during the bombardment. The four remaining vessels fired 1,512 shells, using 30,994 pounds of powder.

It was not always possible to mark and register the course of each shell, because of our not having a distinct view of the enemy and the mingling of so many shells as they converged in the direction of the forts. The accompanying reports of the acting masters commanding the mortar vessels are in a comprehensive form furnished by them, and are as full as accuracy will permit.

The following is from the surgeon's report:

Killed: James Laver, ordinary seaman, on board the Arletta, native of Isle of Jersey; struck by an eight-inch solid shot on April 18.

Slightly wounded, disabled: Michael Brady, carpenter's mate of this vessel, aged 32, native of New York; struck by a fragment of a shell on April 19.

Although the enemy's fire was so well directed at times as to threaten the destruction of the vessels, the duties at quarters were performed and the intervals of rest between watches enjoyed with commendable coolness and composure throughout the division.

Respectfully, yours,

WATSON SMITH,

Lieutenant, Commanding First Division.

Commander DAVID D. PORTER,

Commanding U. S. Mortar Flotilla, Mississippi River.

Report of Lieutenant Commanding Walter W. Queen, second division mortar flotilla.

UNITED STATES SCHOONER T. A. WARD,

Mississippi River, May 3, 1862.

SIR: I beg leave to submit to you the following report of the second division of the mortar flotilla.

On the morning of the 18th of April, 1862, my vessel was towed into position by the United States steamer Miami at 8.30 a. m. I anchored 3,900 yards below Fort Jackson, on the eastern bank of the river. The schooners of my division anchored astern of me in the following order, viz: Matthew Vassar, George Mangham, Adolph Hugel, Maria J. Carlton, and Sydney C. Jones, the Orvetta having previously taken a position on the western bank of the river, and thus being separated from the division.

Both forts immediately opened on us, firing very rapidly. At 8.45 we commenced firing on Fort Jackson, the shot from the fort falling in every direction around us, one of which struck so close to our quarter as to throw down some barrels of powder in the magazine by the concussion, but doing no damage. Shortly afterwards another struck us, cutting away the forward shroud of port

main rigging, passing through the wardroom, bulkhead pantry, stateroom, deck, storeroom, and extra magazine, escaping through the starboard quarter six inches above water-line, doing considerable damage. I at once directed Mr. Hatch to drop the vessel down some 300 yards, which he did, followed by the three vessels lying immediately astern of me. I then went to the Sidney C. Jones. After taking their new positions the vessels which had dropped astern recommenced firing. While lying in her former position, the Mangham received a shot in her port bow, which passed through her galley and lodged in the mortar bed, doing no further injury.

The vessels were now actively engaged in throwing shell into the forts, and as no intervening object obstructed our sight, we could see the effect of our shell as each one lodged in or near the forts. We continued firing all day, not even ceasing for the men to eat their meals. About 5.30 p. m. we could see heavy smoke rising from a building outside the fort, caused by the bursting of a shell, and soon after the fort was seen to be on fire in three separate places, which soon formed into one mass of flames, since discovered to have been the citadel. At 6 p. m. we ceased firing, in obedience to signal from the Harriet Lane. At this time we could distinguish men upon the ramparts trying to extinguish the flames.

At 9 o'clock I received an order from you to drop down 800 yards and be in readiness to move across the river early in the morning, as you thought it likely the enemy would move his guns down the river and open on us in the morning. This we did, and nothing more of any importance occurred during the night. It is strange to say that, although the shot came around us in immense numbers, yet not one man was even wounded during the first day's engagement.

On the morning of the 19th instant we were taken in tow by the Clifton, and took our position in line with the rest of the flotilla, on the west bank of the river, and at 8.30 a. m. were all engaged in throwing shells into the fort. The Hartford moved up and anchored off our beam, but finding she was drawing the enemy's fire on the flotilla, (as they fell short of her,) she moved down again. The shot and shell from the forts fell thick around us, but did not do us any injury, with one exception, viz: about 10 o'clock a. m. the Maria J. Carlton, of this division, was struck by a shot which passed through her magazine floor and out her bottom. She immediately began to sink, and the crew, with the assistance of others, soon got most of the movables out of her. The mortar and shells they left, as they could not remove them.

We ceased firing at 12 m., and from this time continued firing by watches, each division taking a watch. Nothing particularly important occurred during the next day, until 10.35 p. m., when the gunboats Pinola and Itasca went up the river to cut the chain. As soon as they started, the mortar flotilla commenced firing very rapidly, and continued until 12.35 a. m., when the gunboats returned. We continued, as usual, firing by watches until the morning of the 24th of April, when we commenced at 2.30 a. m. to fire as rapidly as possible, while the steamers passed up the river to attack the forts. We did not cease until signaled to do so by you at 5.30 a. m.

Both officers and men behaved gallantly; and where every one did his duty so well, it is almost impossible to award praise to any single individual. As our galley was rendered almost useless during the bombardment, the men suffered some inconvenience in getting cooked the rations that were served out to them, and their sleep was also much interrupted; but I am glad to say that not a murmur of dissatisfaction was to be heard among them. I may also mention that Acting Master J. Duncan Graham, my executive officer, was in command of the United States schooner Sydney C. Jones during the whole of the bombardment, and acted to my entire satisfaction. The conduct of William Hatch and John Richards, masters' mates, during the bombardment, has also met my warmest approval—the former having sighted the mortar every time it

was fired during the action; the latter having charge of the powder division, and making himself generally useful about the vessel. The only wounded in this division were two of the crew of the Carlton, one severely, the other slightly.

Very respectfully, your obedient servant,

W. W. QUEEN,

Lieut. Com'dg, in Command of 2d Div. Mortar Flotilla.

Commander D. D. PORTER,

Commanding Mortar Flotilla.

Report of Lieutenant Commanding K. Randolph Breese, third division mortar flotilla.

U. S. BARKANTINE HORACE BEALES,

Mississippi River, April 30, 1862.

SIR: I have the honor to submit the following report of the part taken by the third division mortar flotilla, under my command, in the bombardment of Fort Jackson. At 9.30 a. m. of the 18th instant, the John Griffiths, (on board of which vessel I hoisted my divisional flag,) Racer, and Sarah Bruen were taken in tow by the Clifton and towed into position assigned, astern of the first division, on the right bank of the river, at the following distances from the centre of Fort Jackson: John Griffiths, 3,900 yards; Racer, 3,940 yards; and the Sarah Bruen, 3,980 yards. About 10 a. m. the John Griffiths opened fire from her mortar, and was soon followed by the Racer and Sarah Bruen. At 2 p. m., the rear vessels of the first division having been advanced, the Henry James, Dan Smith, and Sea Foam came up under sail and took their positions ahead of the Griffiths, at the following distances from the fort: Henry James, 3,630 yards; the Dan Smith, 3,730 yards; and the Sea Foam, 3,850 yards. At about 2.15 p. m. they opened fire from their mortars. A constant fire was kept up by each vessel from the time of taking position until 6.37 p. m., when signal to "cease firing" was made. During the day the John Griffiths threw 69 shells; the Racer, 50; the Sarah Bruen, 61; the Henry James, 24; the Dan Smith, 31; and the Sea Foam, 43.

Second day.—At 6.25 a. m., April 19, recommenced fire upon Fort Jackson from the whole division, which was kept up, each vessel firing at intervals of about ten minutes, until 8 p. m., when ceased firing. During the day the Griffiths threw 92 shells; the Racer, 88; the Sarah Bruen, 88; the James, 97; the Dan Smith, 92; and the Sea Foam, 88.

Third day.—At 4 a. m., April 20, opened fire upon the fort from the division, each vessel firing at intervals of about ten minutes. At 8 a. m. ceased firing, and at 10.13 a. m. reopened from the whole division as before. From 4 p. m. to 10.10 p. m. each vessel firing at intervals of twenty minutes. From 10.10 p. m. to 3.3 a. m., (21st,) as rapidly as possible, supporting the gunboats cutting the chain. From 3.3 a. m. to 4 a. m. at intervals of fifteen minutes. During the day, ending at 4 a. m., the Griffiths threw 119 shell; the Racer, 117; the Sarah Bruen, 117; the Henry James, 113; the Dan Smith, 119, the Sea Foam, 111.

Fourth day.—At noon the division again commenced fire, each vessel firing at intervals of about ten minutes, ceasing at 4 p. m. At 8 p. m. reopened as before, keeping up the fire until midnight. During this day the Griffiths threw 50 shell; the Racer, 50; the Sarah Bruen, 56; the Henry James, 55; the Dan Smith, 55; the Sea Foam, 47.

Fifth day.—At 8 a. m., April 22, each vessel of the division commenced fire, firing at intervals of about ten minutes. Ceased fire at noon; reopened at 6 p.

m. and fired until 8 p. m., firing as before. During the day the Griffiths threw 56 shell; the Racer, 46; the Sarah Bruen, 49; the Henry James, 40; the Dan Smith, 67; and the Sea Foam, 52.

Sixth day.—At 4 a. m., April 23, the division reopened fire, each vessel firing at intervals of about ten minutes, ceasing at 8 a. m. At 4 p. m. again opened fire from each vessel of the division at intervals of about twelve minutes, keeping it up until 6 p. m. During the day the Griffiths threw 38 shell; the Racer, 28; the Sarah Bruen, 36; the Henry James, 34; the Dan Smith, 63; the Sea Foam, 51.

Seventh day.—At midnight, April 24, the division opened fire, each vessel firing at intervals of ten minutes. At 3.40 a. m., the guns of the fort having opened on the fleet passing up the river, the division commenced firing as rapidly as possible, ceasing at 4.52 a. m., by signal, the fleet having passed the fort. At 5.30 a. m. opened fire upon the enemy's steamers near the fort; ceased at 5.48 a. m. At 3.55 p. m. commenced again upon the fort, ceasing at 5.04 p. m. At 5.20 p. m. the division got under way and dropped down the river. During the day the Griffiths threw 54 shell; the Racer, 81; the Sarah Bruen, 67; the Henry James, 52; the Dan Smith, 66; and Sea Foam, 60. The Horace Beales, with ordnance stores, temporarily under the command of Acting Master George W. Sumner, executive officer, was towed up to within 600 yards of the rear of the mortar vessels, and discharged her ordnance stores, as were required, with great promptness. During the bombardment she received many of the articles saved from the Maria J. Carlton, and a ten-inch gun-carriage and ammunition from the Jackson. She also received the sick and wounded of the flotilla and several of the wounded of the squadron. Ten of the men of the Beales, with Acting Master Sumner, served on board the Harriet Lane during the engagement with the forts. The enemy's shot and fragments of shell, at times, flew about the division in all directions. Several pieces of the latter of the size of an egg, and many smaller pieces, were picked up on board of the different vessels, but, through God's mercy, not a person was struck, nor have I a casualty of any kind to report during the whole bombardment. The Sarah Bruen has a hole through her foremast, which I am at a loss to account for, unless a fragment of the enemy's shell, which struck the face of the mortar at the edge of the bore, as it was about to be fired, fell into the mortar, and, being discharged, went through the mast. A little rigging cut here and there is all the damage I have to report done by the enemy.

The general effect of firing the mortars upon the vessels was to knock out the round houses forward and the eight pine board bulwarks in the line of fire. The John Griffiths leaked more than usual during the bombardment, but has since tightened up; she has always been considered a weak vessel. The Racer's deck, on port side abreast of fore hatch, started from the carlines giving way, they not having been (originally) properly strengthened. The mortars show no kind of injury. The mortar carriages worked remarkably well. The only damage being (in some instances) the loss of the feather to the eccentric axle, and the breaking of the screws that confine the socket to eccentric. These very slight injuries did not hinder the working of the mortar in the least. The screws were promptly replaced, a number of spare ones having been made. The turn-table on some of the vessels was found to have recoiled in the line of fire from an inch to an inch and a half; it was easily pressed into position and kept so by breeching. Twenty-two and a half pounds of powder were fired from the Griffiths at the rebel iron-clad gunboat with no visible strain in vessel or carriage beyond that already experienced. The mortars were served equally well by the mortar crew and gun's crew, watch and watch, during the bombardment. Not a mistake or an accident occurred in loading the mortars or in filling and fuzeing the shell, evincing the care and pains taken by the officers of the division in training their crews, as well as the attention, in time of action, by

the latter to their duties. Notwithstanding the loss of sleep, and regular meals and cooked food, the officers and men were ever ready to volunteer for any expedition or service against the enemy. And I must remark upon the cheerfulness and alacrity with which, when much exhausted, they manned their boats to keep up a proper supply of powder and shell. The acting masters commanding the different vessels of the division gave the direction of fire from the mainmast head (from which place only was Fort Jackson to be seen) regulating the charges used as required. They kept their posts while engaged with scarce any relief, subject not only to the shock of their own mortars, but also from the one in their rear.

The conduct of the officers and the men during the bombardment is worthy of all praise. The different missiles of the enemy, flying about the division in all directions, did not distract them in the least in the discharge of their duties, nor, I may say, from their well-earned rest at the close of their watch.

Accompanying me to the John Griffiths from the Horace Beales was Assistant Surgeon Edes, Mr. Bacon, (my clerk,) and my boat's crew. Dr. Edes had every preparation made for the care of wounded men, he remaining on board the Griffiths during the bombardment, ready to give his services wherever needed. Mr. Bacon acted as signal officer, and was engaged in taking notes.

I visited each vessel of the division frequently, night and day, while in action, finding the same good order in each. The minute directions given by you were strictly carried out.

I have only to add that, as the vessels and mortars are now fitted, the preparations for action and the service of the mortars made beforehand were ample, and did not require to be altered in the least during the bombardment, nor has any suggestion from the seven days' actual service been made in the way of improvement, except as a precaution, the breeching around the turn-table.

Very respectfully, your obedient servant,

K. R. BREESE,

Lieutenant, Commanding Third Division Mortar Flotilla.

Commander DAVID D. PORTER,

Commanding Mortar Flotilla.

Report relative to prisoners in the rebel naval service captured after the surrender of the forts.

UNITED STATES STEAMER HARRIET LANE,

Forts Jackson and St. Philip, May 2, 1862.

SIR: Enclosed is a list of prisoners of war captured by me, after the capitulation of the forts, on board of the steamers Burton, Landes, and Defiance, the latter of which was sunk by order of John K. Mitchell, late commander in the United States navy. By order of Flag-Officer Farragut I send them home in the Rhode Island, subject to the order of the department, on account of their infamous and perfidious conduct in setting fire to and blowing up the floating battery Louisiana and sending her adrift upon the four vessels of ours that were at anchor while they had a flag of truce flying and were engaged in drawing up the capitulation of the fort, the vessels under the command of J. K. Mitchell, with the exception of one, having no colors up at the time. These prisoners have forfeited all claim to any consideration, having committed an infamous act, unknown in any transaction of this kind. Had the Louisiana blown up in the midst of our vessels she would have destroyed every one of them. As it was, good fortune directed her towards Fort St. Philip, where she exploded with great force, scattering fragments all over the work, killing one of their own men

in the fort, and landing a large beam close to the tent of Commander McIntosh, who was lying with one arm blown off and another broken, his knee-cap shot away and a leg broken. The surgeon in attendance pronounced it the most perfidious act he had ever heard of. The explosion was seen and heard for many miles, and it was supposed that the forts were blown up.

Enclosed is a letter from J. K. Mitchell stating that the persons mentioned therein had nothing to do with the transaction. I shall, however, carry out the orders of the flag-officer, and send them home in the Rhode Island, subject to the consideration of the department.

I have the honor to remain, very respectfully,

DAVID D. PORTER,
Commanding Flotilla.

Hon. GIDEON WELLES,
Secretary of the Navy.

List of confederate officers.

Captain J. K. Mitchell, 1st Lieutenant J. N. Wilkinson, 2d Lieutenant W. H. Ward, 3d Lieutenant W. C. Whittle, jr., Lieutenant A. F. Warley, Surgeon John D. Grafton, Lieutenant F. M. Harris, ex-naval officers of the United States; Purser L. E. Brooks, Gunner Wilson, Boatswain Jones, Carpenter Cherry, Captain's Clerk George Taylor, Captain's Clerk W. Clark, Chief Engineer W. Youngblood, 2d Assistant Engineer James Harris, 2d Assistant Engineer M. Parsons, 3d Assistant Engineer Theo. Hart, 3d Assistant Engineer James Elliott, 3d Assistant Engineer James Waters.

Engineers from the Manassas.—Menzis, 3d assistant engineer; Weaver, 2d assistant engineer; Culver, 2d assistant engineer; Newman, 3d assistant engineer.

UNITED STATES STEAMER CLIFTON,
Near Fort St. Philip, May 2, 1862.

SIR: The following officers of the Confederate States navy, now held on board this vessel as prisoners of war, had no voice in the council which determined upon the destruction of the Confederate States steamer Louisiana, on the 28th ultimo, viz:

Surgeon James D. Grafton, Assistant Paymaster L. E. Brooks, Captain's Clerk George Taylor, Captain's Clerk William Clark, 1st Engineer W. Youngblood, 2d Assistant Engineer James Harris, 2d Assistant Engineer M. Parsons, 3d Assistant Engineer Theo. Hart, 3d Assistant Engineer James Elliott, 3d Assistant Engineer James Waters, 2d Assistant Engineer Orvel Culver, 2d Assistant Engineer George W. Weaver, 3d Assistant Engineer T. A. Menzis, 3d Assistant Engineer William Newman, Engineer Henry Fagin, Engineer J. H. Toombs, Engineer J. H. Dent, Gunner James Wilson, Boatswain Samuel Jones, Carpenter Virginius Cherry, Paymaster's Steward D. Porter.

I make the above statement in consequence of having learned informally that all such officers would be paroled on a representation of the fact to you.

I have the honor to be, very respectfully, your obedient servant,

JOHN K. MITCHELL, *Commander,*

Late in command of the C. States Naval Forces near Fort Jackson.

Com. DAVID D. PORTER,

Commanding United States Naval Forces near Fort St. Philip.

Special report of Commander Porter, commending the conduct of the officers of the mortar flotilla.

UNITED STATES STEAMER HARRIET LANE,
Southwest Pass, May 3, 1862.

SIR: In my general report to the department I made honorable mention of the officers commanding vessels and divisions in this flotilla, but I think there is something more due to these officers than a general notice, in which manner most every officer comes in for a share of approval, without its being specified what particular qualities entitle them to it.

To the commander of divisions in the mortar flotilla the country is mainly indebted to the fall of Forts Jackson and St. Philip, for the latter is consequent on that of the former. I cannot express to you in sufficient terms the zeal and ability displayed by Lieutenants Commanding Watson Smith, W. W. Queen, and K. R. Breese. They have been indefatigable in drilling their men, infusing a proper spirit into them, and carrying out my orders during the bombardment, which lasted without intermission for six days and nights. They gave themselves but little rest. I could draw no distinction between them. Neither flagged for a moment in their duty, and though they lost but few men in killed and wounded, they have been exposed to as hot a fire as the enemy were capable of showering upon them. They are the kind of men to lead our ships into battle, and I hope that the department will take such notice of their conduct as this great occasion merits.

To Commander Renshaw, Lieutenants Commanding Guest, Baldwin, Wainwright, and Woodworth my thanks are particularly due for the zeal they manifested on all occasions to serve, no matter in what capacity, and the condition of their vessels for service. If I have not detailed in my general report the various acts of these officers, it is not because I did not appreciate them, but because it would lengthen my report, already voluminous, intending to do them full justice on this occasion. Lieutenant Commanding Harrell has not had the opportunity to give the same evidence of ability, though I have ever found him ready to carry out my wishes, as he says his vessel is unmanageable. He has, however, done good service, and is a zealous officer.

I have the honor to remain, very respectfully, your obedient servant,

D. D. PORTER, *Commanding Flotilla.*

Hon. GIDEON WELLES,

Secretary of the Navy.

Letter of Com. D. D. Porter, enclosing paroles of officers taken at Forts Jackson and St. Philip.

UNITED STATES STEAMER HARRIET LANE,
Ship Island, May 15, 1862.

SIR: I have the honor to enclose the paroles of the officers captured in Fort Jackson, with the list of men remaining at the time of the surrender. The list of officers and men in Fort St. Philip must have been sent to the flag-officer, together with the list of persons captured by the Harriet Lane in the steamers Burton, Landes, and Defiance, under late Commander J. K. Mitchell, consisting of two hundred and fifty of the crew of the iron steam battery Louisiana, and the Crescent artillery, composed of over a hundred officers and men. The number of men in the two forts during the bombardment was eleven hundred, but about two hundred left before the flag of truce was sent down. The rolls of the fort were handed in to the officers taking charge, but our troops taking possession a

short time after everything was thrown into disorder, and it was not possible to obtain them.

Very respectfully, your obedient servant,

DAVID D. PORTER,
Commanding Flotilla.

Hon. GIDEON WELLES,
Secretary of the Navy.

[Parole omitted.]

Congratulatory letter of the Secretary of the Navy.

NAVY DEPARTMENT, *May 10, 1862.*

SIR: Your despatch of April 30, enclosing the articles of capitulation of Forts Jackson and St. Philip, which surrendered on the 28th ultimo, after a bombardment of 144 consecutive hours by the mortar flotilla, has been received. I have also to acknowledge the receipt of the flags taken in the two forts on that occasion, including the original one hoisted on Fort St. Philip when the rebel forces declared the State of Louisiana to have seceded from the Union, which have been sent forward to the department.

The important part which you have borne in the organization of the mortar flotilla and the movement on New Orleans has identified your name with one of the most brilliant naval achievements on record, and to your able assistance with the flotilla is Flag-Officer Farragut much indebted for the successful results he has accomplished.

To yourself and the officers and seamen of the mortar flotilla the department extends its congratulations.

I am, respectfully, &c.,

GIDEON WELLES.

Commander DAVID D. PORTER,
Commanding United States Mortar Flotilla, Gulf of Mexico.

COAST SURVEY REPORTS.

TREASURY DEPARTMENT, *May 22, 1862.*

SIR: At the instance of the Superintendent of the Coast Survey, I have the honor to transmit herewith a copy of the journal of Assistant F. H. Gerdes, United States Coast Survey, showing the services rendered to the fleet under command of Flag-officer Farragut, United States navy, and to the mortar fleet under command of Captain D. D. Porter, United States navy.

I am, very respectfully,

S. P. CHASE,
Secretary of the Treasury.

Hon. GIDEON WELLES,
Secretary of the Navy.

Extracts from a report of Assistant F. H. Gerdes, commanding surveying steamer Sachem, to Professor A. D. Bache, Superintendent of the Coast Survey.

April 13.—At daylight of the 13th of April I again got under way and took the lead, the gunboats of the flotilla and the naval vessels in the vicinity following the Sachem.

The following disposition was made of my party:

1. Sub-Assistant J. G. Oltmanns and Mr. T. C. Bowie repaired on board the Owasco, and used during the day a boat and armed crew from that vessel; they ascended the river on the west bank.

2. Myself and Assistant Jos. Harris, after leaving the Sachem off the Salt Works at anchor, took our own boat, with an armed crew, and ascended the river on the east bank.

3. Sub-Assistant R. E. Halter went with another of our boats and an armed crew to the Salt Works, to occupy with a theodolite the top of the chimney of the old engine building, which had been trigonometrically determined by the Coast Survey.

We succeeded in the operations, and came within three miles of the forts before night set in. The last lines of this day were observed on Fort St. Philip flagstaff.

On our return on board the Sachem we mapped the work and brought it up as far as we had progressed during the day.

April 14.—On the 14th of April, at sunrise, I consulted with Captain Porter, and we concluded to continue the work and to ascend the river until the positions of the hulks which support the chain across the Mississippi could be properly determined.

A large portion of the fleet went up to the conspicuous point (which I have named Porter's Point) just two miles below Fort Jackson, and engaged the enemy to draw their attention from our boats. This, however, was only partially effected; they had probably found out the day previous that engineering operations were in progress, and now undertook to stop them. When Mr. Oltmanns passed Porter's Point, he was fired on with eight or nine rifled shot, but fortunately the whole damage consisted in breaking the blade of an oar. The fire was promptly returned, and the operations were continued. The observations were successfully continued during this day, and the mapping was completed during the evening and part of the night.

April 15.—In the morning Captain Porter came on board, and we consulted as to the continuance. I sent Mr. Oltmanns and Mr. Bowie again up the river in the Owasco. They ascended within one mile and a half from the lower fort, and were quite successful in getting intersections on the hulks and on the two flagstaffs of the fortifications.

They found that during the previous night all the signals which we had put up during the day before had been removed; besides, it was ascertained that a number of men were hidden in the bushes. There was hardly anywhere on the shore a footing to be got, and we had to resort to all kinds of observations, instruments, and positions, some stations consisting of flags in overhanging branches, and the angles were measured below the same with a sextant, in a boat; others were chimney-tops of deserted houses, on which we mounted small theodolites, having to work our way through the roof. A few only were on *terra firma*.

April 17.—I saw and consulted with Captain Porter and the flag-officer. To the latter I gave a copy of the map and a memorandum of distances, for which he expressed much gratification. He spoke with the highest regard of the Coast Survey, and said many kind words of the intrepidity, determination, system, and

despatch of the party under my charge, and considered our services of great value to the fleet.

Captain Porter desired me to furnish him with points along the shore every 100 or 150 metres apart, on both banks of the river, for the purpose of placing the mortar vessels at given distances from the forts. This was accomplished to-day, Mr. Oltmanns and Mr. Bowie taking the west side, and Mr. Harris the east side of the river. Meantime three more copies of the map and memoranda were finished on board and distributed to the fleet.

Several of the enemy's gunboats came out, and both our boats were fired at repeatedly.

April 18.—Before daylight on the 18th of April Mr. Oltmanns went on board the Harriet Lane and Mr. Harris on some other gunboat, both with directions to assist in placing the mortar vessels exactly in such positions as were marked out by Captain Porter the day before, and which had been determined by the same gentlemen. Tow after tow, consisting of one of the former ferry-boats Westfield and Clifton, each with three or four mortar boats, came up, and the latter were in a short time stationed at given distances from the forts. As soon as all were in position the enemy commenced firing, and from our side the bombardment fairly commenced.

Mr. Oltmanns and Mr. Harris both carried out my instructions to the letter, and placed the mortars in the exact spot as designated by Captain Porter, at accurately known distances. They were during the whole day under fire. General Butler made his appearance in the river with 7,000 men, which he offered to the flag-officer.

April 19.—Early in the morning I had a conference with the commander, who desired me again to send two officers to the flotilla for the purpose of moving some of the mortars to other places, and furnish them with the distances and bearings. This was done accordingly. One of the vessels on which Mr. Harris was engaged was struck by a round shot, and another vessel where Mr. Oltmanns was in a boat alongside was sunk while he was speaking with the captain. During the day we furnished also two more charts for the fleet. In the evening Captain Porter sent me word again to despatch early next morning two officers for giving data. You see they kept us pretty busy.

April 20.—Early in the morning Messrs. Oltmanns and Halter made the rounds of the mortar vessels at the request of the commander of the flotilla, and changed the position of a few, giving them again bearings and distances.

I went on board the Harriet Lane in the forenoon, but did not see Captain Porter, who was in his gig among the fleet. The mortar firing during the day was kept up vigorously, and I presume that 1,500 shots were sent towards the forts.

In the evening an officer from the Pensacola came on board to get some information about the depth of the river in the immediate locality of the forts, and Mr. Oltmanns and myself gave him all the details that had come under our observation.

April 22.—At daylight Captain Porter sent me a note, requesting me to drop down to the Jump, and to wait for a boat which had been sent on an expedition in the rear of Fort Jackson, and to bring her up the river directly on her arrival in the Mississippi. I went down with the steamer and anchored off the upper point of the Jump, and took the opportunity to reconnoitre that passage more specially. At sundown I sent Mr. Halter to the commander of the flotilla to report that we did not see anything of his boat, but that I would wait during the night. I received a letter from him in return, stating his fears that the boat's crew would be lost, and begging me to go in search of them, as he had his hands full of the attack that in all probability was to come off during the night. This, of course, was resolved on, and to-morrow by sunrise a boat will be sent for the purpose.

April 23.—At daylight I despatched Mr. Oltmanns, the first mate, and a crew of six men, all doubly armed and well provisioned with food and water, in the second cutter in search of the missing boat expedition, directing him to leave written notices at the mouth of the multifarious bayous, naming the route to be pursued, to hoist in his boat the American ensign, and to do anything in his power to find out the crew, which must have lost their way in the labyrinth of marsh streams. Mr. Harris returned from the fleet and brought me a message from Captain Porter to come up and run alongside. I fired two 32-pounders as a signal for Mr. Oltmanns to return, and set also a blue signal at the fore. Calling on the flag-officer, he said he had no vessel to spare from the engagement, and would consider it a favor if I would carry some of his wounded men in the *Sachem* to the hospital at the mouth of the Southwest Pass. He further added that, as he was preparing a severe night attack with the fleet, it would seem too hard to carry those poor crippled fellows with him in the fight.

Of course I at once consented very cheerfully, and repeated that, whenever he could make use of me, I would be at his service. Meanwhile, Mr. Oltmanns had not returned from his search for the boat expedition, but I had to let him shift for himself, knowing that he would bring up somewhere safely.

At four in the afternoon the wounded men were sent on board, two of whom had suffered amputation, and all of them in a dangerous state. At a quarter to 5 I was steaming down, having made the poor men as comfortable as I could. Mr. Harris brought the hospital physician on board, who took charge of the patients, and we sent them in our double-bunked boat on shore.

April 24.—The gunboat *Miami* anchored alongside the *Sachem*, bringing me a verbal request from Captain Porter to accompany General Butler's expedition to the rear of Fort St. Philip. I had previously sent Mr. Harris up to the fleet to see the commander and report the derangement of our engine. At 5 p. m. General Butler arrived in the *Saxon* and called on me in person, bringing me a letter at the same time from Captain Porter. I arranged with him to meet him as soon as my repairs had been made at Isle au Breton, and to send an officer with him in the *Saxon* to pilot his vessel through Pass à l'Outre. Mr. Oltmanns also came back from his boat expedition in the rear of Fort Jackson, having been within one mile and a half of the fort.

April 26.—In the morning Captain Boggs, of the *Varuna* steam-gunboat, came on board to go with me to General Butler's ship; he had lost his vessel during the passage of the fleet past the forts on the 24th, being run into from two different quarters by iron-clad steamers of the enemy. This was a most brilliant exploit. His ship sunk with her colors flying, but not before she had crippled, burned, and sunk six of the opposing steamers.

In the afternoon I got under way, the machinery working well forward. We dropped anchor alongside the *Harriet Lane*, and I had a conference with the commander. He sent his and other engineers to examine the *Sachem's* machinery, when all appeared right.

April 27.—We got under way after sunrise and stood off Pass à l'Outre, and brought over the bar 15 feet. At noon we arrived off Sable island, where we found General Butler in the steam transport *Mississippi*. I called on him and had a long conversation respecting the coast. At 2 o'clock he came on board the *Sachem* and I took him to the rear of Fort Jackson; from thence he took a boat up to the Quarantine, using one of the smaller bayous for his passage. I despatched Mr. Harris at once to stake out a four-foot line along the coast, as the general intends to make an experiment with his rifled guns on the forts from here. We also ascertained the distance by bearings on Forts St. Philip and Jackson. Mr. Halter reported again to me, and was sent out at 8 o'clock in the evening to stake out the boat channel to the Quarantine with lamps, so that troops might be conveyed there during the night. He returned at 2 o'clock, having successfully performed the task. Four hundred men were sent in safety

during the night, and the garrison at the camp of the Quarantine now consists of one full regiment. In the morning the captain of the gunboat Miami, which was aground close by the Sachem, sent on board requesting assistance. I ran ahead of him, sent him a nine-inch hauser, and got him afloat by 8 o'clock in the morning. In the afternoon I sent Messrs. Oltmanns and Harris to Fort Bayou to put up a signal—Mr. Halter having found out in the morning that both signals at this place and at Raccoon Point were lost. While the boat was away, at 2.30 p. m., both secession flags at Forts Jackson and St. Philip were hauled down. The most intense excitement followed. I saw the Harriet Lane and three other steamers, with a flag of truce on the fore, steaming up to the forts, and directly afterwards saw a large steamer of the enemy enveloped in flames. This proved to be the new iron-clad battery Louisiana; she burned entirely down. At about quarter before 3 her magazine exploded with a crash and shock the like of which I never witnessed. The cloud of smoke rose to an estimated height of at least six hundred feet, and pieces of the wreck could be seen flying in the air very distinctly. At 3 o'clock the Harriet Lane came up, and, after the firing of one gun, I had the inexpressible delight of seeing the stars and stripes waving once more over Forts Jackson and St. Philip. I fired a salute directly, and gave the information to other vessels near. I sent a recall for my party, there being no further use to prosecute the work here, and Captain Porter had expressed a desire that I should join him at the forts as soon as they were ours. In the evening General Williams came in the Miami, and, when I communicated the news, the cheering "Yankee Doodle" and "Hail Columbia" it seemed would never end. At 11 o'clock p. m. we got under way and steamed towards Pass à l'Outre.

April 29.—We crossed the bar at 6 a. m. with fifteen feet, half-tide, running the north side of the "middle ground" again as before. We passed the forts early in the afternoon. At 4 o'clock I took the commander of the flotilla over to Fort Jackson, my officers having also arrived in a separate boat. We inspected closely for a couple of hours the damage done by the mortars, and I cannot understand to this minute how the garrison could have possibly lived so long in the enclosures. The destruction goes beyond all description; the ground is torn by the shells as if a thousand antediluvian hogs had rooted it up; the holes are from three to eight feet deep, and are very close together, sometimes within a couple of feet; all that was wood in the fort is completely consumed by fire; the brick-work is knocked down; the arches stove; guns are dismounted; gun-carriages broken, and the whole presents a dreadful scene of destruction.

April 30.—Early in the morning I received a communication from the commander requesting me to await here his return from New Orleans, where he goes to-day in the Harriet Lane.

I also hear that a gunboat is going north, and I conclude therefore this report, to send by the same.

Allow me to add a few words to express the high gratification which the gallant and able deportment of my officers has given, not only to myself, but, I have reason to believe, to everybody in the fleet, and to the general of the land forces. I hope you will say that we have done our duty.

Very respectfully, your obedient servant,

F. H. GERDES,

Assistant United States Coast Survey.

Report of Joseph Harris, United States Coast Survey, of some of the incidents that came under his notice and of his observations at the forts, &c.

SOUTHWEST PASS, MISSISSIPPI RIVER, May 4, 1862.

SIR: While engaged in the survey of the injuries received by Fort Jackson during the bombardment and the passage of the fleet, several incidents came under my notice, which, at your request, I have now the honor to submit to you in writing.

While waiting for the boat to take us off, on the last day on which we were engaged in the survey, Mr. Oltmanns and I fell into conversation with some men who had been in the fort as part of the garrison. One of them, who said he was a New Yorker, particularly informed us—a reliable, intelligent man, from the moderation of his statements—and I think his information well worthy of note.

I shall merely record his statements, as the conversation on our part, which drew forth information on the points where we especially desired, is not necessary to the understanding of them, and this communication is likely to be very long without the introduction of any irrelevant matter.

General J. K. Duncan had command of both forts, and Colonel Higgins, who some years ago was an officer of the United States navy, had the immediate command of Fort Jackson. Colonel Higgins has the credit of being a most brave and vigilant officer.

For forty-eight hours my informant thought Colonel Higgins had not left the ramparts, and never seemed in the least disconcerted when the bombs were falling thickest around him.

A large proportion of the forces inside the fort were northern men; and there were also many foreigners. The party that seized the fort early in 1861 was a company of German Yagers, and there were a number of Irish also. In all there were some 600 or 700 men in the fort at the time of the bombardment. The northern men were mostly sent down at an early stage of the proceedings, and I imagine most of them volunteered, hoping in that way to avoid suspicion, and perhaps not to have to fight against the government after all.

(Colonel Higgins had no expectation of being attacked; that is, he thought no fleet could be brought against him sufficiently strong to risk an attack.)

There was a company of sharpshooters attached to the forces, under the command of Captain Mullen. They numbered about two hundred, and were largely recruited from the "riffraff," of New Orleans. They scouted as far down as eight or nine miles below the forts, and brought nightly reports to Fort Jackson, travelling by the bayous and passes on the southwest side of the river. The main body, however, lay in the edge of the woods below Fort Jackson, about a mile and a half from it. From here they fired on the boat that pulled up under that shore on the 14th. The grape and canister shot that the Owasco threw into the bushes made their berth uncomfortable, and they broke up their camp, came into the fort all wet and draggled, having thrown many of their arms away, and swore that they would go to New Orleans; and they went.

My informant voluntarily gave the credit of reducing the fort to the "bomb fleet." The fort was so much shaken by this firing that it was feared the casemates would come down about their ears. The loss of life by the bombs was not great, as they could see them coming plainly and get out of the way; but the effect of their fall and explosion no skill could avert.

About one shell in twenty failed to explode, even those that fell in the water going off as well as the others. It is well worth noting that the bombs that fell in the ditch close to the walls of the fort, and exploded there, shook the fort much more severely than any of those that buried themselves in the solid ground.

The firing was most destructive the first day, and the vessels lying on the northeast side of the river, which were in plain view of the forts, made much the most effective shots. The bomb-vessels lying on the other side of the river were at all times totally invisible, the best glasses failing to distinguish their bush tops from the trees around them.

During the bombardment the only guns that were much used were the rifled guns, of which there were three, and the four 10-inch columbiads and Dahlgren 8-inch guns, eight in number. The mortars (in the fort) fired occasionally. One of the rifled guns, mounted on the fort proper before the bombardment, was sent two days before the fire opened to Island No. 10.

One of the rifles in the water battery was originally one of the barbette guns, a 32-pounder. It was sent to New Orleans to be rifled, and a week after the second one was sent; but the first, on trial, proving a failure, the second was not changed.

The large columbiad in the water battery was made somewhere in secessia, but exactly where my informant did not know.

The fort was in perfect order when the bombardment commenced, it having always been very strictly policed, and the dirt, which now disfigures every thing, is the accumulation of a few days.

The water did not enter the fort until the levee had been broken with bombs, and during the summer of 1861, when the Mississippi was even higher, the parade ground was entirely dry. There was very little sickness in the fort, the water probably not having stood long enough to create miasma.

The discipline in the fort was very strict; but what seemed to be felt more than the strictness was the bringing in of very young and entirely inexperienced officers, who were placed in command of others much their superiors in knowledge.

Suspected men were closely watched, and the punishment for improper talk among them was to tie a rope around the offenders and let them float in the stinking ditch.

The impression we derived from this part of the conversation, however, was that the fort was very well governed, and that the man who was speaking had not often come under the displeasure of the authorities, for he was not eloquent on the subject of his wrongs.

The chain, as first stretched across the river, was quite a formidable obstacle. The chain was brought from Pensacola, and was a very heavy one. It was supported by heavy logs, 30 feet long, only a few feet apart, to the under side of each of which the chain was pinned near the up stream end. The chain was kept from sagging down too far by seven heavy anchors, from which small chains ran to the main chain.

These anchors were buoyed with can-buoys taken from Pilot Town. In a few months a raft formed on the upper side of this chain which reached up to the forts, and its weight swept away the whole obstruction, and went to sea, carrying the buoys with it.

It was then replaced by the lighter chain, buoyed by hulks there, three weeks ago. Two of the large can-buoys were placed in the magazine in the water battery. The night that Flag-Officer Farragut's fleet passed up Colonel Higgins was so sure of destroying it that he allowed the first vessel to come up with the fort before opening fire, fearing that they would be drove back prematurely and escape him. When they succeeded in passing he remarked, "Our cake is all dough; we may as well give it up."

During this engagement a Captain Jones, from the back country, had charge of those casemate guns which were firing hot shot. He depressed the muzzles of his guns very considerably, fearing to fire too high, and being desirous of working his guns vigorously had them run out with a jerk, the consequence of which was that the balls rolled harmlessly into the moat, and the guns blazed away powder and hay-wads at a most destructive rate.

This continued until some of the officers on the ramparts, observing how much his shot fell short, told him of it. He then commenced operations on one *particular vessel*, which he kept at until some one informed him that he was devoting himself to one of their own chain hulks.

The enemy's gunboats did not come up to the expectations that were formed of them. The *Louisiana*, especially, was very much relied on, but her crew of 200 men were drunk at the time that they should have done their duty best. I could not find out anything about her from this man, as he had never been aboard of her, and did not believe the exaggerated stories that were told here about her.

The small loss of life in the fort is due, to a great extent, to the fact that the men have been carefully kept below, only the guns' crews being allowed out of shelter. The *New Yorker* was a powder-passer for the battery in which the rifled gun and the large columbiads of the main fort were, and, therefore, had a good opportunity of seeing what went on, they being in pretty constant use.

One bomb broke into the officers' mess-room while they were at dinner, and rolled on the floor; as it lay between them and the door they could not escape, but all gathered in a corner and remained there in terrible suspense until it became evident that the fuse had gone out, and they were safe.

On the first night of the firing, when the citadel and outhouses were all in flames, the magazine was in very great danger for some time, and a profuse supply of wet blankets was all that saved it; there was great consternation that night, but afterwards the garrison got used to it, and were very cool. A bomb broke into the secret passage cut in the fort. One of the soldiers went into it some distance, when he was discovered by General Duncan and ordered out. The passage was then filled up and a guard placed over the entrance to keep every one away from it. This was told me by Major Santelle, commandant of the fort.

Fort Jackson mounted 33 32-pounders on main parapet, 2 columbiads on main parapet, 1 rifle gun on main parapet, 2 columbiads in 2d bastion, 1 9-inch mortar in 2d bastion, 1 columbiad in 3d bastion, 2 8-inch mortars in 3d bastion, 8 32-pounders in northwest casemates, 6 32-pounder guns in northeast casemates, 10 short guns in bastion casemates, 2 brass field pieces, 2 rifled guns in water battery, 1 10-inch columbiad in water battery, 1 9-inch columbiad in water battery, 3 32-pounder guns on outer curtain—75 guns in all.

I am not positive about the calibre of the guns. Those that I have called 32-pounders had a calibre of 6.4 inches, and I am not quite positive that there are 10 short 32-pounder guns in the bastion casemates, though such is my recollection. Of these guns four were dismounted, but I could not see that the gun proper was injured in any case; of the gun-carriages eleven were struck, several of them being entirely destroyed; and of the traverses no less than thirty were injured. A large proportion of the last injured were on the western side of the outer curtain, (where only these guns were mounted,) twenty out of thirty-nine being more or less injured.

The ramparts of the fort proper were very severely damaged on every side, but particularly on the two northern ones; there has been great patching with sand bags needed; several of the entrances from the parade ground under the ramparts are masses of ruins, some of them being one-third choked up with debris.

The casemates are cracked from end to end; one of the bastion casemates has the roof broken through in three places; another in one place, and its walls are so badly cracked that daylight shines through very plainly, the cracks being about 4 inches wide.

The entrances to the casemates are nearly all damaged, the roofs cracked and masses of brick thrown down or loosened. All the buildings were destroyed by

fire or bomb-shells, the two western bastions and the citadel being completely burned out. The walls of the citadel are cracked in many places very badly.

Eighty-six shot and splinters of shell struck its faces. The amount of damage here reported would hardly be credited by any one who had taken a casual survey of the premises, and I myself should have considered it exaggerated if I had read it after passing through hastily the first time. After careful examination, however, the impression left on my mind is of a place far gone on the road to ruin, which will stand but little more before it will come down about its defenders' ears. Everything about the fort appears to have started from its place, some hardly perceptible, others so much that it would be hard to find where the proper place is.

I do not profess an acquaintance with such matters, but it looks to me as if the whole structure would have to be demolished and rebuilt if the government ever intend to fortify the site again.

I have thus, sir, hastily thrown together the more important part of the information I was able to collect; had my time been more extended I might have been able to gather more of the incidents of the siege; and had I supposed it desirable to reduce it to writing I might have obtained a fuller account from those I did question; but my conversation was merely to gratify my own curiosity and pass away an unoccupied hour. Hoping that you may find this communication of some value, I remain,

Very respectfully, your obedient servant,

JOSEPH HARRIS.

F. H. GERDES, Esq.,

Assistant United States Coast Survey.

WESTERN GULF BLOCKADING SQUADRON.

Capture and burning of schooner Columbia, of Galveston, April 5, 1862.

UNITED STATES FLAG-SHIP HARTFORD,

Mississippi River, April 10, 1862.

SIR: I have the honor to enclose herewith a report made by Acting Master Thomas Pickering to Lieutenant Commanding Charles Hunter, commanding United States steamer Montgomery, of the capture and burning of the schooner Columbia, of Galveston, loaded with cotton and bound to Jamaica.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy.

UNITED STATES STEAMER MONTGOMERY,

Off St. Louis Pass, Texas, April 5, 1862.

SIR: In obedience to your order, I proceeded with the launch (Paymaster Thos. Niblo accompanying me as a volunteer) and whale-boat, the latter under the command of Acting Master's Mate Robert Barstow, to enter the harbor and capture, bring out, or destroy a large schooner, seen from our decks at anchor inside. I herewith submit report of the expedition.

Left the ship at 6.30 p. m., and crossed the bar safely, though the surf was rolling heavily. We then slackened our speed to pass the fort known to be

inside under cover of the night. This precaution failed to avail us, however, for when abreast of it (the fort) they fired, the shot passing through the side of the launch. Without returning the fire, knowing that our success depended upon expedition, pulled rapidly for the schooner, which, reaching, was boarded in each waist without firing a shot. We took possession of her, the crew, consisting of seven men, being completely surprised. Found she was the Columbia, of Galveston, loaded with cotton, ready for sea, and bound for Kingston, Jamaica.

Prepared everything for kedging her out, when we discovered a large sloop bearing down on us. Made everything ready for her reception, and, on her coming alongside, boarded and took possession of her. Found she brought the captain of the schooner, seven passengers, and stores from Galveston. It was at this time that the only event occurred which could mar the entire success of the expedition, George Rice, seaman, being seriously wounded by the accidental discharge of a carbine in the hands of one of his shipmates. Secured the prisoners, and for two hours made every effort to warp the schooner out. Finding we had made little if any progress, I gave the order for firing her fore and aft; and I hope the following reasons will justify me in your opinion for so doing.

There was a strong flood tide and head wind, and the alarm having been given, I had every reason to suppose that an overwhelming force would soon be brought against us; and, from the schooner's position, she was untenable, being so near the shore that she could be commanded by riflemen as well as the guns in battery.

The sloop, with prisoners, escorted by the whale-boat, then shoved off, the launch remaining to see that the fires would be effective in destroying the vessel, and then followed, repassing the battery in safety, and anchoring inside, as near the breakers as possible, to await daylight, it being too dangerous to attempt, particularly with a sloop in tow or overloaded boats, at night.

At early dawn, finding the surf still rolling high, was compelled to give up the sloop to prisoners, liberating them, and hurry off to the ship, as we were within range of the enemy's guns. We had been under way but a few moments when we were fired at, the shot luckily falling short, but close to the whale-boat.

I cannot, in justice, omit to mention that to Mr. Barstow and Mr. Niblo I am obliged for their ready aid and prompt furtherance of my orders, and to the crew for their willing obedience and discipline.

Respectfully, your obedient servant,

THOS. PICKERING, *Acting Master.*

Lieutenant CHARLES HUNTER,

Commanding United States Steamer Montgomery.

Engagements of the New London and other vessels with rebel steamers on the 25th of March and 4th of April, 1862.

UNITED STATES FLAG-SHIP HARTFORD,

Mississippi River, April 10, 1862.

SIR: I enclose herewith, for the information of the department, two reports made to me (dated March 26 and April 5, 1862) by Lieutenant Commanding Abner Read of two engagements between his vessel and others and some rebel steamers.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER NEW LONDON,

Off Ship Island, March 26, 1862.

SIR: On the afternoon of the 25th instant two rebel steamers were discovered at Pass Christian. The New London got under way immediately and stood for that place, and approached as near as practicable on account of shoal water. The rebel boats approached within two thousand yards, when the engagement began; the New London beginning the action on finding the enemy not disposed to come nearer. The fight lasted one hour and fifty minutes, during which time we fired one hundred and sixty shots of all kinds. There were none injured on this vessel, nor the vessel herself. The vessels of the enemy engaged were the steamers Oregon and Pamlico; from their movements each of them seemed to be struck two or three times. After the engagement the enemy left for the lakes. We remained on the ground until they were out of sight and then returned to Ship island.

I am, very respectfully, your obedient servant,

A. READ,

Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES STEAMER NEW LONDON,

Off Ship Island, April 5, 1862.

SIR: On the afternoon of the 2d instant we left Ship island, in company with the United States steamer J. V. Jackson and the transport steamer Henry Lewis, with the Connecticut 9th volunteer regiment on board, to co-operate with the army, for the purpose of effecting a landing at Biloxi. The landing was made on the evening of the same day, the New London and J. P. Jackson anchoring off the town. The next day, about 4.30 p. m., the troops embarked, when all got under way and stood for Pass Christian, intending to make a landing there the following day. At 10 a. m., having taken a favorable position for the night, we came to anchor. On the 4th day of April, at 4.40 a. m., three rebel steamers were discovered, standing down to make an attack. The action was immediately begun by the New London, Jackson, and Lewis, with the rebel steamers Oregon, Pamlico, and Carondelet; but, after its continuation for about thirty minutes, the Lewis was withdrawn on account of the crowded state of her decks. The New London and Jackson continued the fight for one hour and forty-five minutes, when the enemy withdrew, apparently much injured. About 9 a. m. the United States steamer Hatteras joined us, and, being senior officer, took command. While the landing was being effected at Pass Christian, a rebel merchant steamer appeared to the eastward and was immediately pursued by the New London and Jackson. After a chase of about an hour she was captured, and proved to be the rebel steamboat P. C. Wallis, loaded with turpentine, rosin, and lime.

I am, very respectfully, your obedient servant,

A. READ,

Lieutenant Commanding.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Acting Master L. W. Pennington's report of the abandonment of Fort Livingston, &c.

UNITED STATES SCHOONER HENRY JANES,
April 28, 1862.

SIR: On the evening of the 25th I received orders from Lieutenant Smith to prepare for sea, which I did; and on the 26th I received orders to proceed, without delay, to Bastien's bay, to blockade the same, which is within eight miles of Fort Livingston. The wind being light, I drifted more to the westward than I anticipated, and brought up at Fort Livingston. There I fell in with the United States schooner Kittatinny, three-masted. The George W. Mangum, 2d division, and, directly after, the Orvetta, Captain Blanchard, came to by us. We anchored, and I was informed by the captain of the Kittatinny that the rebels in Fort Livingston hoisted the secession flag every Sunday, and on that day only. On the 27th instant, at 7.30 a. m., I espied a flag of truce on the forts. I immediately lowered the first cutter and went on shore, but the Kittatinny's boat reached the fort five minutes in advance of me, and had the pleasure of hoisting the American flag on the ramparts of the fort, which I should have liked to do. After reaching the fort I met a man by the name of Angelo Yunata, whom I was formerly acquainted with in New Orleans. He had been in service six months at Fort Livingston, at which place he was born, or at least two miles off from the fort. There were also five other men, four women, and five children, all of whom were inhabitants of the island, except one woman, who is a resident of New Orleans. Her husband was among the troops that left the fort—the wife being sick and not able to move, having been confined to her bed by child-birth three days previous. From her I obtained most of my information. She says the fort was in charge of Colonel Theouve, and there were 330 soldiers in all, chiefly French and Italians; that they were poorly clad, and had but little to eat.

The letter that I send with this despatch was found in the fort. Your can judge for yourself of their condition. The woman's name is Colorick; she washed for them in the fort and never received a dollar for her services. When they left she had nothing to eat, and they set fire to what was in the fort. She says Colonel Theouve told her, the night of the 25th, that New Orleans was in possession of the Union troops; that the rebels laid down their arms without resistance. He (Colonel Theouve) left New Orleans on the morning of the 25th instant.

It takes eight hours to come from New Orleans to Fort Livingston by water, the shoalest depth three feet. The steamboat Bee, that carried the troops from the fort, is now up the bay, out of reach of our vessels, but can be taken by our boats. They had a quarrel about the boats the night they left, she being owned by the planters on the mainland, part of whom, the man Angelo says, are Union men. He says most of the people on the opposite side are in favor of the Union. The Temple, a small battery above Fort Livingston, is also evacuated, and only two guns left there, of a small size. We found at Fort Livingston eleven 32-pounders, complete; one 8-inch columbiad, new, painted red; one 80-pound rifled gun, three spare field carriages, one thousand 32-pound shot, seven conical shell, four barrels flour, one coil Manilla rope, six shovels, four axes, eight pickaxes, one can turpentine, two cans paint-oil, twenty training tracks, seven cases of glass, and seventeen barrels of beef. The officers' department I found furnished comfortably—plenty of wine, a number of papers, (none later than the 18th instant,) which I have. I left the fort in charge of Captain Sampson, whose boat made the landing five minutes in advance of mine. The fort is in very good order; the cannon look well; the rifled one and the 8-inch columbiad are fine guns, and the former, I think, is of very long

range. They said at the fort that Colonel Theouve thought we would attack him very early in the morning with our vessels. They set fire to the fort and to a brig loaded with cotton, which had just bent her sails the day we reached there, and was going to sea that night; the fort we saved from the flames. Angelo Yunata, as soon as I met him, pulled out eighty dollars in confederate notes, and said "that was the fruits of his six months' labor, and he would make me a present of it." He also handed me his vessel's papers, issued at New Orleans 26th September.

I left the fort at 4 p. m. 27th instant. At 8 a. m. on the morning of the 28th I espied a lot of small craft at the entrance of Bastien bay. I tacked ship and stood toward them until in nine feet of water, and then came to anchor, lowered away two of my boats and went to them. On examination I found nothing in them. They were fishing and oystering boats, ranging from five to twenty tons, seven in number, besides seven skiffs. Their owners I found encamped on Shell island, and forbid them taking their boats out. Captain Godfrey came in after me, and, as I had despatches for Captain Porter, I told Captain Godfrey he had better look out and keep them in. They cannot get through inside, as he lies at the entrance, which is easy to blockade. They say that they carry oysters to New Orleans, but the river being high they cannot get through the canal. I could get no information from them in regard to how they were situated at the forts. I believe they are stationed there to take off the prisoners, if they have to surrender.

Your obedient servant,

LEWIS W. PENNINGTON,
Acting Master, Commanding.

Com. DAVID D. PORTER,
Commanding Mortar Flotilla.

Correspondence for the surrender of Baton Rouge, Louisiana.

UNITED STATES FLAG-SHIP HARTFORD,
Off Baton Rouge, Louisiana, May 14, 1862.

SIR: I have the honor to forward herewith, for the information of the department, the correspondence which has taken place between Commander Palmer, commanding the United States steamer Iroquois, and the mayor of the city of Baton Rouge; also, my correspondence with the mayor and his replies.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER IROQUOIS,
At anchor off Baton Rouge, May 9, 1862.

SIR: Agreeably to your instructions, I proceeded up the river and anchored on the evening of the 7th close in abreast this city. I sent an officer on shore to summon the mayor on board, but, as he was not in town, the next in authority accompanied my officer on his return, and I was informed that the Brooklyn and gunboats had passed up without communicating, and that the mayor and council would, in the morning, be prepared to receive any communica-

tion that I might make. I accordingly addressed the enclosed letter, numbered 1, and received in reply that marked No. 2.

Here is a capital of a State with 7,000 inhabitants, acknowledging itself defenceless, and yet assuming an arrogant tone, trusting to our forbearance.

I was determined to submit to no such nonsense, and accordingly weighed anchor and steamed up abreast the arsenal, landed a force, took possession of the arsenal, barracks, and other public property of the United States, and hoisted over it our flag. No resistance was offered.

I then addressed the mayor the communication marked 3, to which No. 4 is the reply; and shortly afterwards the Brooklyn hove in sight, coming down the river and anchoring near us. I reported what I had done to Captain Craven, who thoroughly indorsed my action.

Very respectfully, your obedient servant,

JAS. S. PALMER, *Commander.*

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

No. 1.

UNITED STATES STEAMER IROQUOIS,

At anchor off Baton Rouge, May 8, 1862.

SIR: As there seems to be no hope of a senior officer arriving this afternoon, I shall proceed to carry out the intentions of the flag-officer.

The same terms shall be afforded the city of Baton Rouge as were granted to New Orleans; it must be surrendered to the naval forces of the United States.

The rights and property of its citizens shall be respected; but all property belonging to the so-called confederate States must remain intact, to be delivered over when demanded.

The flag of the United States must be hoisted on the arsenal.

An answer is expected this evening.

Respectfully, your obedient servant,

JAMES S. PALMER, *Commander.*

His Honor the MAYOR of *Baton Rouge.*

No. 2.

MAYOR'S OFFICE,

City of Baton Rouge, May 8, 1862.

SIR: Your note of this date has been received, in which you say "the city of Baton Rouge must be surrendered to the naval forces of the United States," and that the same terms will be granted as were to the city of New Orleans.

This note has been submitted to the board of selectmen, and I am instructed to say that the city of Baton Rouge will not be surrendered voluntarily to any power on earth. We have no military force here, and are entirely without any means of defence; its possession by you must be without the consent and against the wish of the peaceable inhabitants.

Further to say, that the city of Baton Rouge has not in possession any property whatever, except such as acquired by the municipal law incorporating it, and exercises no authority over any public property whatever.

Having no control over the arsenal, except for purposes of preserving the buildings since its evacuation, it cannot be expected that this city would be

called on to surrender it, or exercise any act other than such as may be conservative, and not offensive to the sensibilities of the people by hoisting the flag of the United States, as required by you.

Yours, respectfully,

B. F. BRYAN, *Mayor.*

JAS. S. PALMER,

Commander U. S. Steamer Iroquois, at anchor off Baton Rouge.

No. 3.

UNITED STATES STEAMER IROQUOIS,

At anchor off Baton Rouge, May 9, 1862.

SIR: I have to acknowledge the receipt of your reply to my note of yesterday's date.

I now inform you that I have taken possession of the arsenal and hoisted over it the flag of the United States.

War is a sad calamity, and often inflicts severer wounds than those upon the sensibilities. I therefore trust I may be spared from resorting to any of its dire extremities; but I warn you, Mr. Mayor, that this flag must remain unmolested, though I have no force on shore to protect it. The rash act of some individual may cause your city to pay a bitter penalty.

Very respectfully, your obedient servant,

JAMES S. PALMER, *Commander.*

His Honor B. F. BRYAN,

Mayor of Baton Rouge.

No. 4.

MAYOR'S OFFICE,

City of Baton Rouge, May 9, 1862.

SIR: Your note of this date is received, and I agree with you that war is a sad calamity, and it is greatly to be hoped its horrors will not be visited by the intelligent and Christian commander of a hostile fleet upon the *innocent* people and unoffending citizens within the jurisdiction of the town.

In my former note I disclaimed any jurisdiction over the grounds upon which the arsenal is situated, and to preserve order within the limits of this city has always been and will continue to be my duty.

What depredations may be committed without the limits of Baton Rouge the authorities of this city cannot, in fairness, be held responsible, and I cannot conceive why you should make such requirements of the inhabitants.

A moment's reflection must convince you that you have not in conscience, moral, or by any rule of international or statutory law, any such right. But should you adhere and hold this city responsible for the acts of men over whom I have no jurisdiction, I ask that before letting loose your dogs of war you give the women and children and peaceable citizens an opportunity of avoiding the sad calamity. If there has been to-day any manifestation to interrupt your proceedings at the barracks, you may be assured that none of the citizens of this city were engaged, and neither will they be.

Yours, respectfully,

B. F. BRYAN, *Mayor.*

JAS. S. PALMER,

Commander, United States Steamer Iroquois, off Baton Rouge.

No. 5.

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off Baton Rouge, May 10, 1862.

SIR: On my arrival before your city Captain Palmer laid before me his correspondence with your honor for the surrender of the city, and has thus far acted in accordance with my views.

I have no wish to interfere with your municipal authority, but desire that you will continue to exercise your functions as mayor, and maintain order in the city, and as the sole representative of any supposed authority, you will suppress every ensign and symbol of government, whether State or confederate, except that of the United States, whose flag has already been hoisted, by order of Captain Palmer, on the arsenal, and which I expect will be respected by yourself and others, so far as not to permit it to be disturbed.

I understand that you have a foreign corps employed as a police guard for the maintenance of good order. They will be respected as such and not interfered with, unless General Butler should deem it necessary to take charge of the city, in which case he or his commandant will issue his own instructions.

Permit me, herewith, to forward you a few of his proclamations.

I am, with great respect, your obedient servant,

D. G. FARRAGUT,

Flag-Officer Western Gulf Blockading Squadron.

His Honor the MAYOR of *Baton Rouge*.

No. 6.

UNITED STATES FLAG-SHIP HARTFORD,

At anchor off Baton Rouge, May 10, 1862.

SIR: I find upon examination a quantity of coal at the foundery recently employed by the confederate government casting shot, &c. This coal I shall require for the use of my vessels, and I shall therefore take it; but as a general thing I desire to trade with the people, and pay for whatever I require.

I am, respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer Western Gulf Blockading Squadron.

His Honor the MAYOR of *Baton Rouge*.

No. 7.

MAYOR'S OFFICE, *Baton Rouge, May 10, 1862.*

SIR: I have to acknowledge the receipt of your communication of this morning's date, and in reply have to say that it is my desire and earnest determination to maintain order and quiet in this city, and to that end shall employ all the force at my command. I think I can safely assure you that, so far as the citizens of this place are concerned, no interference upon their part will be made with the flag which you have caused to be hoisted at the arsenal, and, in order that it may not be molested, I have issued my proclamation enjoining all citizens not to interrupt or interfere with it.

The bearer of this, Mr. William Markham, of the firm of Hill & Markham, are the owners of the coal which you inform me you require for the use of your

vessels. At my instance, Mr. Markham presents himself in person to make such arrangements for disposing of it as may meet with your expressed wish.

I am, very respectfully, your obedient servant,

B. F. BRYAN, *Mayor.*

Flag-Officer D. G. FARRAGUT,
United States Flag-Ship Hartford.

Correspondence for the surrender of Natchez and Vicksburg.

UNITED STATES FLAG-SHIP HARTFORD,
Near Natchez, Mississippi, May 27, 1862.

SIR: I have the honor to forward herewith, for the information of the department, the correspondence which has passed between Commander James S. Palmer, commanding United States gunboat Iroquois, and the authorities of Natchez; also the correspondence between Commander S. P. Lee, commanding United States gunboat Oneida, and the authorities of Vicksburg, in relation to the surrender of those cities to the naval forces under my command.

I am, very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER IROQUOIS,
At anchor off Natchez, May 13, 1862.

SIR: In obedience to your order of the 10th instant, I left Baton Rouge at four in the afternoon of that day, and proceeded up the river until I overtook the Oneida and the gunboats, some forty miles below this, who accompanied me into my present position off this city, which I reached at two on the afternoon of yesterday. I addressed to the mayor the accompanying letter, (marked 1,) which they refused to receive at the landing, and the tone seemed to be that of resolute non-intercourse. This conduct being rather more dignified than wise, I instantly seized the ferry-boat, then on this side, occupied in filling herself with coal, which I intended to secure also, and placing on board of her a force from this squadron of seamen and marines, and a couple of howitzers, under the command of Lieutenant Harmany, of this ship, sent her across to the landing, with orders that if there were not there some of the authorities to receive my communication, he was to land his force, march up to the town, which was about half a mile distant, with colors flying, and there cause the mayor to receive and read my letter. But when the party had reached the landing they found two members of the common council sent, with an apology from the mayor, to receive my communication. They begged that the force should not be landed, as they intended to make no resistance, and seemed disposed to acquiesce in anything I demanded.

The party then returned, and the following morning I received the enclosed reply, (numbered 2,) together with the proclamation, which I also enclose.

The city being now virtually surrendered, and by the proclamation of the mayor so announced to its inhabitants, I concluded to send an officer on shore, to which purpose I sent the note marked No. 3.

In an hour or two, being notified, by signal, that the committee, with an escort, was in waiting to receive my officer, I despatched Lieutenant McNair, of

this ship, to ascertain from the mayor whether there were any public buildings from which the rebel flag had hitherto been displayed; if so, it was my intention to hoist there the flag of the United States, which I should require to be guarded and respected by the authorities; also to say that I was as anxious as he was to preserve the peace and quiet of the town; that we were not here to make war upon its peaceable inhabitants, and that I should land no force unless I considered it absolutely necessary. This officer was received most courteously and even kindly by the authorities. The mayor assured him that the flag had never been officially displayed in Natchez; that their government had no buildings or property in the town; but that if I chose to hoist the flag of the United States, the authorities would do their best to protect it, but hoped they would be spared the responsibility for the possible act of an excited populace. As this city, like Baton Rouge, had never occupied a military position, but was simply a trading town, and as the mayor and authorities had behaved in so sensible and gentlemanlike a manner, I concluded to leave the question of hoisting the flag open until your arrival, and so informed them.

The policy of my forbearance I submit to your better judgment.

I am, very respectfully, your obedient servant,

JAMES S. PALMER, *Commander.*

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Squadron.

No. 1.

UNITED STATES STEAMER IROQUOIS,
At anchor off Natchez, Mississippi, May 12, 1862.

SIR: In advance of the squadron now coming up the Mississippi, I am instructed by the flag-officer to demand the surrender of the city of Natchez to the naval forces of the United States.

The same terms will be accorded as were granted to New Orleans and Baton Rouge. The rights and property of all peaceable citizens will be respected; but all property in this city belonging to the so-called confederate States must be delivered up, and the flag of the United States must wave unmolested and respected over your town.

Very respectfully, your obedient servant,

JAS S. PALMER, *Commander.*

His Honor the MAYOR of *Natchez.*

No. 2.

MAYOR'S OFFICE,
Natchez, Miss., May 13, 1862.

SIR: Your communication of 12th instant has been received by me and laid before the board of selectmen of this city, and I am directed to return the following reply:

Coming as a conqueror, you need not the interposition of the city authorities to possess this place. An unfortified city, an entirely defenceless people, have no alternative but to yield to an irresistible force, or uselessly to imperil innocent blood. Formalities are absurd in the face of such reality. So far as the city authorities can prevent, there will be no opposition to your possession of the city; they cannot, however, guarantee that your flag shall wave unmolested

in the sight of an excited people; but such authority as they possess will be exercised for the preservation of good order in the city. As to property belonging to the confederate States, they are not aware of any such within the limits of the city.

Very respectfully, your obedient servant,

JOHN HUNTER, *Mayor.*

JAMES S. PALMER,

Com'r U. S. Steamer Iroquois, at anchor off Natchez, Miss.

PROCLAMATION.

The city being in the possession of the forces of the United States, it is earnestly requested that the citizens will preserve good order and commit no acts that might provoke the injury of a defenceless people, and it is hereby enjoined upon them that they abstain from any such acts.

JOHN HUNTER, *Mayor.*

MAYOR'S OFFICE, *Natchez, Miss., May 13, 1862.*

No. 3.

UNITED STATES STEAMER IROQUOIS,

Off Natchez, May 13, 1862.

SIR: I shall send an officer on shore to communicate with you. I request that a committee may be at the landing to receive him, at your earliest convenience.

Very respectfully, your obedient servant,

JAMES S. PALMER,

Commander United States Navy.

His Honor JOHN HUNTER,

Mayor of Natchez.

UNITED STATES STEAMER ONEIDA,

Near Vicksburg, May 18, 1862.

To the Authorities of Vicksburg:

The undersigned, with orders from Flag-Officer Farragut and Major General Butler, respectively, demand the surrender of Vicksburg and its defences to the lawful authority of the United States, under which private property and personal rights will be respected.

Respectfully yours,

S. PHILLIPS LEE,

Commanding Advanced Naval Division.

(Also signed by General Williams.)

HEADQUARTERS, *Vicksburg, May 18, 1862.*

SIR: As your communication of this date is addressed to the "authorities of Vicksburg," and that you may have a *full* reply to the said communication,

I have to state that Mississippians don't know and refuse to learn how to surrender to an enemy. If Commodore Farragut or Brigadier General Butler can teach them, let them come and try.

As to the defences of Vicksburg, I respectfully refer you to Brigadier General Smith, commanding forces at and near Vicksburg, whose reply is herewith enclosed.

Respectfully,

JAMES L. ANTRY,

Military Governor and Colonel Commanding Post.

S. PHILLIPS LEE,

Commanding Advanced Naval Division,

United States Steamer Oneida.

HEADQUARTERS DEFENCES OF VICKSBURG,

May 18, 1862.

SIR: Your communication of this date, addressed to the "authorities of Vicksburg," demanding the surrender of the city and its defences, has been received.

Regarding the surrender of the defences, I have to reply that, having been ordered here to hold these defences, it is my intention to do so as long as in my power.

Respectfully,

M. L. SMITH,

Brigadier General Commanding.

S. PHILLIPS LEE, U. S. N.,

Commanding Advanced Naval Division.

MAYOR'S OFFICE,

Vicksburg, Mississippi, May 18, 1862.

Your communication of this date, addressed "to the authorities of Vicksburg," has been delivered to me.

In reply, I will state to you that, as far as the municipal authorities are concerned, we have erected no defences, and none are within the corporative limits of the city. But, sir, in further reply, I will state that neither the municipal authorities nor the citizens will ever consent to the surrender of the city.

Respectfully, yours,

L. LINDSAY, *Mayor of the City.*

S. PHILLIPS LEE, U. S. N.,

Commanding Advanced Naval Division.

UNITED STATES STEAMER ONEIDA,

Below Vicksburg, Mississippi, May 21, 1862.

SIR: It becomes my duty to give you notice to remove the women and children beyond the range of our guns within twenty-four hours, as it will be impossible to attack the defences without injuring or destroying the town, a proceeding which all the authorities of Vicksburg seem determined to require. I had hoped that the same spirit which induced the military authorities to retire

from the city of New Orleans, rather than wantonly sacrifice the lives and property of its inhabitants, would have been followed here.

Respectfully, yours,

S. PHILLIPS LEE,
U. S. N., Commanding Advanced Naval Division.

L. LINDSAY, Esq.,
Mayor of the City of Vicksburg.

MAYOR'S OFFICE,
Vicksburg, Mississippi, May 21, 1862.

SIR: Your communication of this date was handed to me at a late hour this evening, too late to give public notice to the women and children. In consequence thereof, I shall date your twenty-four hours' time from to-morrow morning, the 22d instant, at eight o'clock a. m.

Respectfully,

L. LINDSAY, *Mayor.*

S. PHILLIPS LEE, U. S. N.,
Commanding Naval Advanced Division, U. S. Steamer Oneida.

UNITED STATES STEAMER ONEIDA,
Below Vicksburg, May 22, 1862.

SIR: I have to acknowledge the receipt of your communication of yesterday evening, and, in reply, have to state that my communication of yesterday in relation to the removal of the women and children was for the purpose of placing it at my option *to fire or not*, as I might think proper, at the earliest moment upon the defences of the town, without producing a loss of innocent life, and to that determination I shall adhere.

Respectfully, yours,

S. PHILLIPS LEE,
Commanding Advanced Naval Division.

L. LINDSAY, Esq.,
Mayor of the City of Vicksburg.

Encounter between gunboats and rebel artillery in the vicinity of Grand Gulf.

UNITED STATES FLAG-SHIP HARTFORD,
Baton Rouge, June 12, 1862.

SIR: I have the honor herewith to forward Commander Palmer's report of an encounter between our gunboats and the rebel artillery in the vicinity of Grand Gulf; also, the report of the death of the acting assistant paymaster of the Katahdin, survey of Assistant Surgeon McSherry, of the Sciota, and a report against Master's Mate S. J. Hazazer, also of that vessel, whom I shall send north.

Very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer Western Gulf Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER IROQUOIS,
Off Grand Gulf, Miss., June 10, 1862.

SIR: Disappointed in not hearing from you, I feared the rebels might be erecting batteries upon the bluffs down the river, and thus prevent any transport coming up from New Orleans; and being also anxious about the coal vessels, which I supposed to be at anchor above Natchez, I despatched a gunboat as far down as that town for information.

To my surprise, I learned upon her return that you had taken down the coal vessels with you, and, in passing Grand Gulf, her captain thought he discovered earthworks in the process of erection.

I accordingly sent down the Wissahickon and Itasca, under command of Commander DeCamp, who found a battery of rifled guns actually there erected, and a force of some 500 artillerists ready to receive them. They were pretty roughly handled, as the commander of the Itasca will inform you, having been hulled, the one twenty-five times, the other seventeen. They, however, only lost one man killed and six wounded.

This being rather too serious an obstacle to have in our rear, I decided upon bringing the rest of the squadron down and breaking up this business before it got too formidable; but I fear we cannot injure the batteries on the hill, and we have no remedy against their plunging shot. I feared to leave a few gunboats only at Vicksburg, as an iron-clad armed ram was reported ready at Yazoo river, and there was no knowing when some of the rebel gunboats would come down from above, Fort Pillow, we learned, having been partly evacuated, and some heavy guns and a quantity of ammunition had arrived at Vicksburg; besides, the gunboats are all of them in a most crippled condition. The sick list has vastly increased. The Katahdin has lost her paymaster, whose remains I send down by the Itasca. The surgeon of the Sciota having been condemned by a medical survey, goes down also. The men of the Colorado I send down, as their time has expired, and all of them are more or less afflicted with scurvy, several of them serious cases. As they were anxious to go, I did not think it right to detain them.

We are all short of coal and provisions, and have but a few days' oil for the engines among us. Unless supplies come up, we cannot stay here a week longer.

I send the Katahdin down as far as the mouth of Red river, in company with the Itasca, to ascertain whether there are any batteries on the bluffs betwixt us and that point. If there should be, you will have the information by the Itasca, provided she can get by in safety.

This afternoon I shall drop down and attack the batteries.

P. S.—Evening.—This afternoon I dropped down abreast the town with the squadron, excepting the Itasca, on board of which I had already sent the sick and wounded.

We shelled the town for an hour, but they deserted their batteries, and, with the exception of a few rifle shots, manifested no resistance. The heights, however, are filled with riflemen, and if they give us any more annoyance I shall burn the town.

Very respectfully, your obedient servant,

JAS. S. PALMER,
Commanding Advance Division.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Squadron.

Correspondence between Flag-Officer Farragut and the rebel General Lovell with reference to an attack on Rodney, Mississippi, in June, 1862.

UNITED STATES FLAG-SHIP HARTFORD,
Baton Rouge, June 17, 1862.

SIR: I herewith enclose copies of my correspondence with the rebel General Lovell, and the letter of Lieutenant Commanding Nichols to the authorities of Rodney.

Very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer, Commanding Western Gulf Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

CONFEDERATE STATES OF AMERICA,
HEADQUARTERS DEPARTMENT No. 1,
Jackson, Mississippi, June 12, 1862.

SIR: I have the honor to enclose copy of a letter received by the mayor of Rodney, notifying him, in substance, that if the vessels of the United States navy are fired upon by our troops from or near the town, vengeance will be taken upon the women and children, or, as the writer is pleased to term it, "punishment for the offence will be visited upon the town," and this, too, while declaring that "we are not here to war upon unarmed or peaceable persons."

Where two nations are at war, it has been customary among civilized people "to punish the offence" of an attack by the armed forces of one upon those of the other by a combat with the attacking party. If such attack be made from a town, the assaulting party is not entitled to, and, so far as our troops are concerned, does not claim, any immunity by reason of the presence of women and children. *What we do claim*, however, and insist upon, is, that when your vessels or transports are fired into by our troops, they shall not hasten to the nearest collection of unarmed and peaceable women and children, and wreak their vengeance upon them, as was done lately at Grand Gulf by United States vessels, in retaliation for an attack with which the town had nothing more to do than had the city of St. Louis.

My batteries are located at such points upon the river as are deemed best suited for the desired purposes, and without reference to, or connexion with, the people of the town. Should the site happen to fall within a village, you, of course, are at liberty to return the fire. Should it be in the vicinity of one, however, the usages of civilized warfare do not justify its destruction, unless demanded by the necessities of attack or defence.

I cannot bring myself to believe that the barbarous and cowardly policy indicated in the enclosed letter will meet with the approval of any officer of rank or standing in the United States navy. I have, therefore, thought proper to transmit it to you under a flag of truce, with the confident expectation that you will direct those under your command to confine their offensive operations as far as possible to our troops, and forbid the wanton destruction of defenceless towns, filled with unoffending non-combatants, unless required by imperious military necessity.

The practice of slaying women and children, as an act of retaliation, has, happily, fallen into disuse in this country with the disappearance of the Indian tribes, and I trust it will not be revived by the officers of the United States

navy, but that the demolition and pillage of the unoffending little village of Grand Gulf may be permitted to stand alone and without parallel upon record.

I am, sir, your obedient servant,

M. LOVELL,

Major General, Commanding.

COMMANDING OFFICER, UNITED STATES NAVY,

Mississippi River, near Baton Rouge.

[Indorsement.]

HEADQUARTERS,

Baton Rouge, Louisiana, June 14, 1862.

This paper is respectfully referred to the flag-officer, and the officer bearing it is directed to wait till to-morrow morning, outside our pickets, for an answer or no answer. I think the paper frivolous, and designed to mask an investigation into our plans, and an observance of our force.

Respectfully,

T. WILLIAMS,

Brigadier General of Volunteers.

UNITED STATES STEAMER WINONA,

Off Rodney, June 5, 1862.

To the authorities of the town of Rodney:

You are doubtless aware that the town of Grand Gulf was fired upon a short time since by some of the vessels of the United States government, as a punishment for permitting a battery to fire upon some of our transport steamers while passing down. I deem it my duty to inform you that, should any battery or artillery fire upon any of our vessels while passing up or down, from or near the town of Rodney, the punishment for the offence will be visited on the town. We are not here to war upon unarmed or peaceable persons, and we would deprecate any event compelling us to fire upon the property of inoffensive people.

Very respectfully, your obedient servant,

ED. T. NICHOLS,

Lieutenant Commanding, and Senior Officer Present.

UNITED STATES FLAG-SHIP HARTFORD,

Baton Rouge, June 17, 1862.

SIR: I have to acknowledge the receipt of your communication of the 12th instant, together with its enclosure, in which you are pleased to say that vengeance will be visited upon the women and children of Rodney, if our vessels are fired upon from the town. Although I find no such language contained in the letter of Lieutenant Commanding Nichols, or even any from which such inference might be drawn, still I shall meet your general remark on your own terms. You say you locate your batteries "at such points on the river as are deemed best suited," &c., without reference to the people of the town, and claim no immunity for your troops. Now, therefore, the violation is with you. You choose your own time and place for the attack upon our defenceless people, and should, therefore, see that the innocent and defenceless of your own people are out of the way before you make the attack; for, rest assured, that the fire will be returned, and we will not hold ourselves answerable for the death of the in-

nocent. If we have ever fired upon your "women and children," it was done here at Baton Rouge, when an attempt was made to kill one of our officers, landing in a small boat, manned with four boys. They were, when in the act of landing, mostly wounded by the fire of some thirty or forty horsemen, who chivalrously galloped out of the town, leaving the women and children to bear the brunt of our vengeance. At Grand Gulf, also, our transports were fired upon in passing, which caused the place to be shelled, with what effect I know not; but I do know, that the fate of a town is at all times in the hands of the military commandant, who may, at pleasure, draw the enemy's fire upon it, and the community is made to suffer for the act of its military.

The only instance I have known where the language of your letter could possibly apply, took place at New Orleans on the day we passed up in front of the city, while it was still in your possession, by your soldiers firing on the crowd. I trust, however, that the time is past when women and children will be subjected by their military men to the horrors of war; it is enough for them to be subjected to the incidental inconveniences, privations, and sufferings.

If any such things have occurred as the slaying of women and children, or innocent people, I feel well assured that it was caused by the act of your military, and much against the will of our officers; for, as Lieutenant Commanding Nichols informs the mayor, we war not against defenceless persons, but against those in open rebellion against our country, and desire to limit our punishment to them, though it may not always be in our power to do so.

Very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Commanding Western Gulf Blockading Squadron.

Major General MANSFIELD LOVELL,

Commanding Confederate Troops, Jackson, Mississippi.

Flag-Officer Farragut reports the necessity of 12,000 to 15,000 army force to co-operate in the taking of Vicksburg.

FLAG-SHIP HARTFORD,

Above Vicksburg, June 28, 1862.

SIR: I passed up the river this morning, but to no purpose; the enemy leave their guns for the moment, but return to them as soon as we have passed, and rake us. Our loss, as far as ascertained, is not very great. Commander Porter shelled them two days to get his ranges, and all his vessels entered into the attack with great spirit, and did excellent service. The fire of the ships was tremendous. The Brooklyn, Kennebec, and Katahdin did not get past the batteries. I do not know why.

I am satisfied it is not possible for us to take Vicksburg without an army force of 12,000 or 15,000 men. General Van Dorn's division is here, and lies safely behind the hills. The water is too low for me to go over twelve or fifteen miles above Vicksburg.

Very respectfully, your obedient servant,

D. G. FARRAGUT,

Commanding Western Gulf Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Engagement with rebel batteries at Grand Gulf, June 9, 1862, and destruction of telegraph wires at Bayou Sara.

UNITED STATES FLAG-SHIP HARTFORD,
Mississippi River, June 24, 1862.

SIR: I have the honor herewith to forward Commander DeCamp's report of an engagement with the rebel batteries at Grand Gulf, on the morning of June 9; also Captain T. T. Craven's report of his passage up the river and destruction of the telegraph wires at Bayou Sara.

Very respectfully, your obedient servant,

D. G. FARRAGUT,
Commanding Western Gulf Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER WISSAHICKON,
Off Grand Gulf, Mississippi, June 9, 1862.

SIR: This morning, at about 4 o'clock, the batteries on shore opened on this vessel and the Itasca with rifled and other cannon. We slipped our chains as soon as possible and commenced firing with five-second fuzes; and, after an action which was kept up with great spirit for two hours, the batteries were silenced, and we are now just out of their range, repairing damages, filling shells, &c., &c. I am sorry to inform you that in this engagement the Itasca lost one man killed and three wounded, and this vessel has two men wounded. The Itasca has about twenty-five shot in her sides, and the Wissahickon was hulled seventeen times. Our 11-inch gun-carriage was badly injured early in the action, while the Parrott rifle on the forecastle is a worthless concern. Our starboard howitzer is disabled; but this latter gun was our only dependence until we could repair the carriage of the large gun. Our starboard boat is smashed, which leaves us but one for use; if you could send me one, I should be obliged to you. I shall continue my fire upon the place, as the enemy show themselves; and beg to refer you to Captain Caldwell for further particulars.

Very respectfully, your obedient servant,

JOHN DECAMP, *Commander.*

Commander JAMES S. PALMER,
Commanding Advance Division, U. S. Naval Forces.

UNITED STATES STEAM-SLOOP BROOKLYN,
Off Vicksburg, June 22, 1862.

SIR: In obedience to your orders of the 13th instant, I left Baton Rouge, on my way up the river, at 1 p. m. of that day. On the 14th, at 9 p. m., I sent the marine guard and a party of seamen, in all about one hundred men, under charge of Lieutenant Lowry, on shore at Bayou Sara, for the purpose of destroying the telegraphic apparatus and cutting the wires, and with orders to inform the authorities of that town that we were on the river for the purpose of enforcing the laws of our common country and protecting its loyal citizens; and at the same time to warn them that if any hostile demonstrations were made upon our vessels or transports as they passed in front of their town, by the

thieves and murderers yclept guerillas, the town would be held responsible for it, and at least be laid under contribution, if not dealt with more severely.

At about 11 o'clock a. m. Lieutenant Lowry returned with his party to the ship, having thoroughly accomplished his work, excepting securing the telegraphic apparatus, which had been removed but a few minutes before he landed. About a half mile of the wire was cut and brought on board, and the vitriol and batteries destroyed.

The people ashore appeared to be peaceably disposed, were quite civil, and made no disrespectful demonstrations. The mayor or chief magistrate informed Lieutenant Lowry that but two or three days previous to our arrival the town had been visited by a band of guerillas; that they had committed many outrages against law and order; and that he had arrested a lieutenant who commanded the party, but he was rescued by his men and borne off to the woods. He represented these guerillas as a lawless set, whom the inhabitants of the country and small towns "had a greater dread of than they had of the visits of our navy, or even of our *army*," and hoped we would not hold him responsible for the acts of these cutthroat bands.

Before leaving the shore, Lieutenant Lowry, with the flag of our Union at the head of his party, marched to the tunes of Yankee Doodle and "Dixie" through some of the principal streets.

We passed Natchez at about 10.30 a. m. of the 16th. On the morning of the 17th the Richmond joined us, and at about 9.30 a. m. we passed Rodney. We arrived at our present anchorage on the 18th, at 11.30 a. m.

Nowhere on our route were we molested, and I saw no change in the aspect of things since our last trip, except at Grand Gulf. The town there was in ruins, having been first riddled by shot and then destroyed by fire. On a small hill, just to the right of the town, was a small earthwork, which had been but recently thrown up, and was capable of receiving three or four small field-pieces. This work, as well as the town, was entirely deserted.

On the 20th instant Commander Porter arrived here with two of his mortar-boats. Yesterday the Miami arrived with another, and this afternoon four others were towed up.

Commander Porter informed me that his flotilla was fired upon at Ellis Cliffs, and that it is the intention of the rebels to mount a troublesome battery at that place, and also at Quitman's Landing, as he learned at a farm-house as he came up.

The boats which came up this afternoon were fired at from Ellis Cliffs, and one, the Empire Parish, was hit two or three times—one shot having temporarily disabled one of her boilers. Yesterday morning I sent the Oneida and Winona to look after those places. To-morrow I shall send the Katahdin to convoy the two tow-boats as far as Baton Rouge, or until she meets you. Here at Vicksburg the rebels appear to be quite busy in extending and fortifying their works, and it is said that they have some ten thousand troops quartered in and about the town.

Very respectfully, your obedient servant,

THOMAS T. CRAVEN, *Captain*.

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

Acting Master Crocker's report of an encounter between the United States Steamer Kensington and a rebel battery, June 25, 1862.

UNITED STATES FLAG-SHIP HARTFORD,
Above Vicksburg, June 29, 1862.

SIR: I have the honor herewith to forward the report of Acting Master Frederick Crocker of an encounter between the United States steamer Kensington, under his command, and a rebel battery in the vicinity of Ellis Cliffs and Rodney.

Very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, commanding Western Gulf Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES STEAMER KENSINGTON,
June 27, 1862.

SIR: I have the honor to report that on the morning of June 22, by order of Captain Henry Morris, I proceeded with the steamer Kensington a short distance below New Orleans, where I took in tow the bark Horace Beals and schooner Sarah Bruin, of the bomb flotilla, under command of Lieutenant Commanding K. Randolph Breese, to proceed to Vicksburg.

Nothing worthy of note occurred till the evening of the 25th, when, in coming to anchor a few miles above Ellis Cliffs, the Kensington grounded, but in about an hour was got afloat again without difficulty. During the night (June 25) rockets, musket-shots, and other sounds gave indication of the enemy, and the crews of all the vessels went to quarters; but no attack being made, we lay quiet until daylight, when we hove up anchor and proceeded up the river, keeping a sharp lookout on all sides, and ready for instant action. There was no appearance of an enemy, however, till we arrived opposite the bluff, a short turn about eighteen miles below the town of Rodney, (Cole's creek,) where we were attacked by a battery, apparently of two or four 6-pounders, concealed in the thicket under the bluff.

Their first shot, from a distance of not more than two hundred yards, took effect on the Sarah Bruin, wounding two of the crew severely. Three other shots, fired at almost the same instant, fell short, when a round of grape from the Sarah Bruin, and a shell from the Kensington, both of which dropped with great accuracy into the midst of the smoke from their guns, silenced the battery completely.

Both the Sarah Bruin and Kensington, together with the riflemen from all the vessels, continued firing till the course around the turn brought them out of range, and enabled the Horace Beals to open fire from her battery, which she did with great animation; and the thicket was shelled until our vessels were entirely out of range. Previous to the attack, Lieutenant Breese, senior in command, had made every preparation that judgment and skill could suggest, and to that we were mainly indebted for the success and completeness with which the attack was repelled. The pilot, a Union gentleman from New Orleans, who volunteered his services when no regular pilots could be obtained, deserves commendation for the skilful manner in which he piloted the vessels while under fire, and for his careful attention at all times.

The crews of all the vessels deserve credit for the promptitude and accuracy with which they returned the enemy's fire, no doubt causing considerable loss,

as one man was seen to fall. The Kensington has on board a full cargo of stores, an invoice of which has been furnished Commander T. A. M. Craven, of the Brooklyn, for your use. The Kensington has also on board a draft of thirty men for the fleet, sent from the Pensacola.

I am, respectfully, your obedient servant,

FREDERICK CROCKER,
Acting Master, Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Squadron.

Flag-Officer Farragut's report of the action of June 28, 1862, at Vicksburg.

UNITED STATES FLAG-SHIP HARTFORD,
Above Vicksburg, Mississippi, July 2, 1862.

SIR: In obedience to the orders of the department and the command of the President, I proceeded back to Vicksburg with the Brooklyn, Richmond, and Hartford, with the determination to carry out my instructions to the best of my ability.

My difficulties and expenses in getting coal and provisions up the river have been very great, and it has only been accomplished by great exertions on the part of Captain H. W. Morris, aided by the army. Captain D. D. Porter's mortar flotilla, which was deemed indispensable to shell out the heights, had also to be towed up. All this caused great delay, but by the steady exertions of that officer, and the assistance of all in whose power it was to help, we succeeded in getting up sixteen mortar vessels, and arrangements were soon made to bombard the forts on the heights at Vicksburg. Owing, however, to some imperfection in the fuzes, (which Captain Porter will explain,) he was two days getting his ranges. On the evening of the 27th he reported to me that he was ready, and I issued my general order (a copy of which is hereto appended) for the attack on the 28th, at 4 a. m.

At 2 a. m. on the 28th June, the signal was made to weigh, and we proceeded up to the attack in the order of steaming prescribed in the diagram accompanying the general order. At 4 o'clock precisely, the mortars opened fire, and at almost the same moment the enemy fired his first gun, which was returned by the leading vessels—Iroquois, Commander J. S. Palmer; Oneida, Commander S. P. Lee; and Richmond, Commander James Alden. The other vessels—Wisahickon, Commander John DeCamp; Sciota, Lieutenant Commanding Edward Donaldson; this ship, Commander R. Wainwright; Winona, Lieutenant Commanding E. T. Nichols; and Pinola, Lieutenant Commanding Pierce Crosby—next came up, and poured in their fire successively. At almost the same instant, Commander D. D. Porter came up on our starboard quarter with the Octorara, Westfield, Clifton, Jackson, Harriet Lane, and Owasco, and opened in fine style upon the enemy. The Hartford fired slowly and deliberately and with fine effect—far surpassing my expectations in reaching the summit batteries. The rebels were soon silenced by the combined efforts of the fleet and of the flotilla, and at times did not reply at all for several minutes, and then again at times replied with but a single gun.

I passed up at the slowest speed, (we had but eight pounds of steam,) and even stopped once, in order that the Brooklyn and sternmost vessels might close up.

The Hartford received but very little injury from the batteries in or below the town, but several raking shots from the battery above the town did us considerable damage: they were 50-pounder rifle and 8-inch solid shot. The first

passed through the shell-room in the starboard forward passage, and lodged in the hold, but did no other harm. The 8-inch struck the break of the poop and passed through the cabin, but hurt no one; the rigging was much cut, and the port main-topsail yard was cut in two.

If the ships had kept in closer order, in all probability they would have suffered less, as the fire of the whole fleet would have kept the enemy from his guns a longer space of time, and, when at his guns, his fire would have been more distracted.

When we reached the upper battery we soon silenced it, and it was reported to me that its flag was struck. We therefore gave three cheers; but when we had passed about three-quarters of a mile above they reopened fire with two heavy guns. I was unable to reply to this raking fire, being out of range. Although their shots were well directed, they either had too much or too little elevation, and only cut our rigging to pieces, without injuring any one seriously, which was strange, as the Iroquois, Winona, and Pinola were on our quarter.

At 6 a. m., meeting with Lieutenant Colonel Ellet, of the ram fleet, who offered to forward my communications to Flag-Officer Davis and General Halleck, at Memphis, I anchored the fleet and went to breakfast, while I prepared my hasty despatch (No. 120) and telegram for the department. I also sent across the peninsula to see what was the cause of Captain Craven and the vessels astern of him in the line not passing up. I also desired a list of their casualties, which appears by their letters to have been "*none*." The casualties in the fleet, as far as heard from, in the passing vessels were seven killed and thirty wounded. Commander Porter reports eight killed and ten or twelve wounded; but that was not his official report, probably, but referred more particularly to the two steamers, Clifton and Jackson, each of which had an accidental shot—the Jackson in the wheel-house, killing the helmsman, and the Clifton a shot through her boiler, killing (by scalding) the men in her magazine, six in number, and one man was drowned by jumping overboard. I herewith forward the report of Acting Lieutenant Commanding C. H. Baldwin, of the Clifton.

The department will perceive, from this (my) report, that the forts can be *passed*, and *we have done it*, and can *do it again as often as may be required* of us. It will not, however, be an easy matter for us to do more than silence the batteries for a time, as long as the enemy has a large force behind the hills to prevent our landing and holding the place.

General Williams has with him about three thousand men, and, on the occasion of our attack and passing, placed a battery of artillery nearly opposite the upper forts, for the purpose of distracting the raking fire from us while running up; but the fort, having a plunging fire upon them, dismounted one of the guns, and killed a man and a horse.

It gives me great pleasure to say that General Williams, Colonel Ellet, and the army officers of this division generally, have uniformly shown a great anxiety to do everything in their power to assist us; but their force is too small to attack the town, or for any other purpose than a momentary assault to spike guns, should such an opportunity offer.

It gives me great pleasure also to report that the officers and men of the ships which accompanied me up the river behaved with the same ability and steadiness on this occasion as in passing Forts Jackson and St. Philip. No one behaved better than Commander J. S. Palmer, of the Iroquois, who was not with me on the former occasion. It pains me much to limit my praise, but I cannot speak of those who did not come up. It was their duty to have followed me, with or without signal, particularly as it was too early and too smoky to distinguish signals. I enclose their explanations herewith.

As to Commander R. Wainwright and the officers and crew of this ship, I cannot speak too highly of their steadiness and coolness, and the energy with which they performed their duties. This ship was conducted as coolly and

quietly as at an ordinary drill at general quarters. There was no confusion of any kind throughout the whole action, and, as far as I could observe the other vessels, the same feeling actuated all the officers and crews engaged.

The captain of the fleet, Commander H. H. Bell, was on the poop by my side, and, not being able, as I before stated, to do much in the management of the fleet, owing to the darkness and the smoke, gave his attention to looking up the batteries and pointing them out to the officers in charge of the guns, and assisting them with his judgment on all occasions.

My secretary, Mr. E. C. Gabandan, noted the time of passing events, and acted as my aid when required, which duty he performed with coolness and steadiness.

I must not fail to mention the coolness of our pilot, John J. Lane, who, although this was the first time he had ever been under fire, did not for a moment quit his post, but steadily guided the ship in her course. He is not a *professional* pilot, as *they* can only be obtained by force in New Orleans.

All of which is respectfully submitted by your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Commanding Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Official list of killed and wounded in the affair of June 28 at Vicksburg.

FLAG-SHIP HARTFORD,

Above Vicksburg, Mississippi, June 28, 1862.

SIR: I have the honor to report the following list of killed and wounded in that portion of the fleet which passed above Vicksburg in the engagement of this morning, viz:

KILLED—15.

Flag-ship Hartford.—Edward E. Jennings, seaman, from Massachusetts.

Richmond.—George Allstrum, ordinary seaman; Thomas Flarity, seaman.

Oneida.—Stephen H. Randall, seaman.

Pinola.—William H. Thomas, quarter-gunner; Thomas Graham, landsman.

Sciota.—Augustine Ellsworth, ordinary seaman.

Mortar flotilla.—6 scalded, 1 killed, 1 drowned.

WOUNDED—30.

Flag-ship Hartford.—Charles Allen, seaman, slightly; Alexander Capron, landsman, slightly; Lawrence Fay, boy, slightly; Patrick Roach, coal-heaver, head; Philip Roberts, seaman, severely; Sylvester Becket, landsman, slightly; Alfred Stone, landsman, slightly; John H. Knowles, quartermaster, slightly; John Hardgan, landsman, slightly; Joseph ———, ordinary seaman, slightly; Nathan Salter, ordinary seaman, contusion; Captain John L. Broome, marine corps, contusion; Flag-Officer D. G. Farragut, slight contusion.

Richmond.—Howard F. Moffat, master's mate, amputated arm; James Noonan, ordinary seaman, contusion; Thomas Nolan, marine, contusion; George W. Harris, marine, contusion; James Reddy, seaman, severely; James Mohegan, landsman, severely; George Millard, seaman, severely; William Nicholas, landsman, slightly; Charles Howard, ordinary seaman, severely.

Oneida.—Richard M. Hodgson, assistant engineer, severely; William Cowell seaman, severely; Henry Clark, boatswain's mate, slightly.

Pinola.—John Brown, ordinary seaman, severely; William H. Shucks, landsman, slightly.

Sciota.—Edward Hathaway, seaman, amputated arm; William Orne, landsman, slightly; Clarence Miller, ship steward, severely.

Returns have not yet been received from Captain Porter's mortar flotilla and that portion of the fleet below Vicksburg.

I am, very respectfully, your obedient servant,

J. M. FOLTZ, *Fleet Surgeon*.

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

GENERAL ORDERS.

UNITED STATES FLAG-SHIP HARTFORD,

Below Vicksburg, June 25, 1862.

The mortar-boats and gunboats of the mortar flotilla having been placed by Commander D. D. Porter, according to his judgment, to the best advantage to act upon the batteries on the heights and the fort below the hospital, at 4 a. m. to-morrow they will open fire upon the same and on the city of Vicksburg.

At the display of the signal for the ships and gunboats to weigh, they will form in a double line of sailing, the Richmond, Commander James Alden commanding, leading; the ships Hartford, Commander R. Wainwright commanding, next; Brooklyn, Captain T. T. Craven, third. The gunboats will form another line, so as to fire between the ships, in the following order: Iroquois, Commander James S. Palmer, and Oneida, Commander S. Phillips Lee commanding, ahead, but on the port bow of the Richmond, so as to fire into the forts at the upper end of the town, without interfering with the fire of the Richmond; next in order, the Wissahickon, Commander Jno. DeCamp, and the Sciota, Lieutenant Commanding Ed. Donaldson, in the line with the Iroquois and Oneida, but on the port bow of the flag-ship, so as to fire between the Richmond and flag-ship; next, the Winona, Lieutenant Commanding Ed. T. Nichols, and Pinola, Lieutenant Commanding Pierce Crosby, on the port bow of the Brooklyn.

The Hartford will, as often as occasion offers, fire her bow guns on the forts at the upper end of the town; but the broadside batteries of all the ships will be particularly directed to the guns in the forts below and on the heights. The free use of shrapnel is considered the best projectile, but great care must be taken in cutting the fuzes, so as always to be sure that they burst short of their destination. When close enough, give them grape. The enclosed diagram will show the position of the respective vessels in the order of attack.—[For diagram see original.]

When the vessels reach the bend in the river, the Wissahickon, Sciota, Winona, and Pinola, will continue on; but, should the enemy continue the action, the ships and Iroquois and Oneida will stop their engines and drop down the river again, keeping up their fire until directed otherwise.

D. G. FARRAGUT,

Flag-Officer Comd'g Western Gulf Blockading Squadron.

The Kennebec, Lieutenant Commanding Jno. Russell, will take position in the rear of, and in a line with, the Pinola, so as to fire astern of the Brooklyn.

D. G. FARRAGUT, *Flag-Officer.*

UNITED STATES STEAMER CLIFTON,

Two miles below Vicksburg, June 28, 1862.

SIR: I have the honor to report that this morning, at 3.45 a. m., in obedience to orders, we got under way and proceeded in our station just astern of the Westfield, in the line headed by your own ship, to engage the batteries on the heights around Vicksburg. When within range, we opened our fire on the upper batteries on the hill from our rifled gun and forward 9-inch and forward 32-pounder, using 15-second shell. On receiving your orders, we directed our fire at the battery known as the "water battery," advancing to within about 1,200 yards, where we kept our station, using shrapnel from the 9-inch guns. At times, as opportunity offered, we used our after 9-inch guns. This we continued for some half to three-quarters of an hour, with, I think, good effect, until we were hailed by the Jackson, asking our assistance to tow them out of fire, that ship being temporarily disabled.

While in the act of taking her line, we received a shot under the guard, just forward of the wheel, which, going through the ship's side, made its way into the end of the starboard boiler, and, partially coming out on the other side, caused such a rush of steam as to blow off, at once, the cover to the forward hatch, filling the forward berth deck (under which is the forward magazine) with steam, and killing, instantly, Thomas Collins, gunner's mate, Robert Sargent, ship's cook, Wm. Morris, captain's cook, John Burke, ordinary seaman, John B. Carter, landsman, and Peter Hall, landsman, of the forward powder division; and severely scalding George B. Derwent, (colored,) ward-room steward, who died a few hours afterwards of the effect of his injuries, and John Hudson, master-at-arms, who is doing well, his wounds, though severe, not being thought dangerous. But one man from this division escaped, he being at the head of the ladder at the time. Some eight men from the forward pivot gun jumped overboard to escape the steam. With the aid of the Jackson's boats we were fortunate enough to recover all these, except John Conner, second-class fireman, who was drowned.

This shot, which proved to be a fifty-pound rifled shot, prevented any further movement of our wheels for the time. We, however, continued our fire from the forward and after thirty-twos, and after nine-inch guns, until you noticed our mishap and came alongside to tow us out of action. At this period the signal to retire was given.

I have great satisfaction in stating that officers and crew generally behaved well. Mr. Weld, acting master's mate, in charge of the nine-inch and rifled Parrott gun forward, is entitled to credit for the admirable manner in which those guns were served, and his coolness and self-possession at the time of the accident.

On examination of the injured boiler by the chief engineer of this ship, it is his opinion that the repairs to it will require at least ten days to complete, and will need the aid of a shop and experienced workmen. In the meantime the ship is ready for such service as she may be called upon to perform, which will not entail a greater speed than six knots an hour. This rate, I think, we shall be able to maintain.

I have the honor to be, respectfully, your obedient servant,

E. H. BALDWIN,

Acting Lieutenant Commanding.

Commander D. D. PORTER,

Commanding Bomb Flotilla.

UNITED STATES STEAM-SLOOP BROOKLYN,
Below Vicksburg, June 30, 1862.

SIR: In compliance with your order of yesterday's date, to make my official report of my attack on Vicksburg, on the 28th instant, and to give my reason for not following the flag-ship up the river, &c., I submit the following:

At 3.15 a. m., June 28, got under way, took position in the prescribed line of battle, and followed the flag-ship; at 4.05 a. m., the enemy opened fire upon the advanced vessels. When this ship arrived abreast of the lower batteries the steamers of the mortar flotilla, which seemed to be without any form of order, obstructed our passage in such a manner as to oblige us to stop our engines, and thus delayed our progress. At 4.45 a. m., as the 80-pounder rifle was the only gun bearing upon the hill, and able to reach, we opened with that vigorously, keeping well inside their line of fire. At 5.15 the gunboats, and a few minutes after, the bomb-vessels of the mortar flotilla, having ceased firing, all the batteries which had previously been partially silenced, immediately renewed the action, hailing a cross fire on this ship and the two gunboats. At this time the smoke cleared away ahead of us, and, to my surprise, I could see nothing of the flag or other ships in the line. Whilst we were hotly engaged, trying with our two rifles to silence their most annoying battery, fire was opened upon us by a battery of five pieces of flying artillery, from a position about two-thirds of the way down the hill, and in front of the southernmost battery. Being within easy range, we opened our starboard broadside with shell and shrapnel, and drove them from their position. Finding myself entirely unsupported, except by the Kennebec and Katahdin, which two vessels gallantly performed their part in the engagement, and knowing that it was impossible to reduce a single one of those hill-top batteries, at 7.25 a. m., after sustaining their fire for two hours and forty minutes, I discontinued the action, and at 8.25 a. m. came to anchor about two and a half miles below Vicksburg.

My reasons for not following the flag-ship up the river, that is, *above* and *beyond* the fire of the forts, are simply because, in your general order of the 25th instant, you say "Should the action be continued by the enemy, the ships and the Iroquois and Oneida will stop their engines and drop down the river again;" and, on the evening of the 27th, twice (when in the cabin and on the quarter-deck of your flag-ship) I asked you if it was your wish or desire for me to leave any batteries behind me that had not been silenced, you answered "No, sir; not on any account."

It affords me great pleasure to bear witness to the excellent deportment of my officers and men; a more cool, or a braver set of men was never on board of any vessel.

We were hulled but twice, one shot taking effect below water, on our starboard bow; and we received some damage to our rigging. We have no casualties on board. We expended, in the action, 28 nine-inch shell, 41 nine-inch shrapnel, 62 Hotchkiss eighty-pound rifle shell, 3 Dahlgren eighty-pound rifle shell, 14 Parrott thirty-pound rifle shell.

Very respectfully, your obedient servant,

THOS. T. CRAVEN, *Captain.*

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron,

United States Ship Hartford, above Vicksburg.

UNITED STATES GUNBOAT KATAHDIN,
Below Vicksburg, Mississippi River, June 29, 1862.

SIR: Agreeably to your order of this date, I have to report that I received no orders "to follow the flag-ship up the river," nor any written order whatever, and was entirely ignorant of your plan of attack.

Agreeably to your verbal instructions, which were "to take the rear of the line, and to follow the Kennebec, and fire at anything and everything I saw fit, or could see," I got this vessel under way at 3.30 yesterday morning, took position as the rearmost vessel, and followed the Kennebec to attack the batteries at Vicksburg. After the squadron, with the exception of the Brooklyn, Kennebec, and Katahdin, had passed the batteries, the mortar flotilla ceased firing, and the enemy opened their batteries anew. We continued under their fire until 8 a. m., when we dropped down, in company with the Brooklyn and Kennebec, and at 8.20 came to anchor out of range. I have no casualties to report, and the vessel was not hit, though the enemy's shot flew around and over us. The officers and men behaved with their usual cool and determined bravery under fire. We expended in the action eleven shells from the eleven-inch pivot gun, and thirteen from the Parrott rifle on the forecastle. Every shot was deliberately aimed at one or the other of the batteries. In consequence of the position assigned us, and the number of vessels engaged, it was impossible to fire rapidly without firing into or over, and endangering other vessels of the squadron and the steamers and schooners of the mortar flotilla. The vessel had to be manoeuvred to fire every shot. We were three hours under the fire of the batteries.

Very respectfully, your obedient servant,

GEO. H. PREBLE,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
*Commanding Western Gulf Blockading Squadron,
United States Flag-Ship Hartford, above Vicksburg.*

UNITED STATES GUNBOAT KENNEBEC,
Below Vicksburg, Mississippi, June 29, 1862.

SIR: In obedience to your order of the 29th, I have the honor to make my report of the attack on Vicksburg and my reason for not following you up the river; also the casualties that have occurred on board this vessel.

My position was in the rear of the Pinola and on the port quarter of the Brooklyn, which I held. On the batteries opening fire, I found, from the position of the steamers under the command of Commander Porter, that I could not bring my guns to bear on the batteries without serious injury to them. Immediately on their dropping astern I opened fire on the bluff battery, which had not yet been silenced. When the dense smoke which previously obscured the vessels had passed away, I found that you, with the rest of the fleet, with the exception of the Brooklyn, Katahdin, and this vessel, had passed up, and that the mortar-vessels had discontinued their fire. Placed in this position, I again referred to your orders, which were: "But if the action should be continued, the ships and the Iroquois and Oneida will stop their engines and drop down the river again, keeping up their fire until directed otherwise." Retaining my position astern of the Brooklyn, I continued firing upon the batteries until my supply of ammunition was so reduced that I deemed it advisable to desist. The hospital and other batteries, which had been silenced for a while, had at this time opened again. The battery on the bluff was firing with vigor, and was assisted by some artillery in the woods. With shot and shell falling

around us, I am happy to report no casualties or injury to this vessel. The officers and men performed their duty with the greatest alacrity and coolness. I cannot refrain from mentioning my executive officer, Lieutenant F. B. Blake, who personally attended to the firing of every gun. The following is the expenditure of ammunition, viz: 14 eleven-inch shells, 10'' fuze; 2 eleven-inch shells, 15'' fuze; 16 Parrott shells, percussion; 5 Parrott shells, time fuze, 5''; 5 Parrott shells, time fuze, 10''.

Very respectfully, your obedient servant,

JOHN H. RUSSELL,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

Further reports of the action at Vicksburg, June 28, and supplementary report of Captain Craven of action below New Orleans, April 24 and 25.

UNITED STATES FLAG-SHIP HARTFORD,
Above Vicksburg, July 3, 1862.

SIR: I have the honor herewith to enclose the reports of the Oneida, Richmond, Hartford, Sciota, and Winona, of the action at Vicksburg on the 28th of June, 1862. I enclose also the report of Commander Palmer, of the Iroquois, of the action of the 28th ultimo.

Very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer, Commanding Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES STEAM-SLOOP ONEIDA,
Above Vicksburg, June 28, 1862.

SIR: I have the honor to report the part borne by the Oneida in the engagement with the rebel batteries at Vicksburg this morning.

At 2.10 a. m. the flag-ship made private signal to the fleet to get under way. Stopped coaling, cast off from the coal bark, called all hands and got under way, lashed the hammocks along the starboard side to hold splinters, beat to quarters and cleared ship for action, and stood up the river, the Iroquois in line ahead, the Richmond astern of us, and the rest of the fleet following. At 3.55 the enemy opened fire on us from his numerous batteries below, over, and above the town. At 4.15 opened on the enemy's batteries in succession, firing for fifteen minutes or more at the flash or smoke of the batteries below and over the town, viz: the marine hospital battery and the batteries on the ridge over that hospital, it being too dark to see distinctly the batteries on the shady side of the hills.

As it grew light, orders were given to fire as soon as the smoke cleared off, and with good aim. We used shells, (5'' fuzes,) shrapnel, and grape, according to distance, steaming so as to keep between the Iroquois and Richmond, and going ahead at intervals when the enemy got our range well.

Having reached the bend in the river, (the Iroquois ahead and the Richmond astern of us,) and none of our starboard guns now bearing on the batteries, pivoted guns and lashed hammocks on the port side, and prepared for enfilading

the batteries above the town, when the flag-ship came up in the proposed line of fire. At 6.30 the Oneida anchored near the Hartford.

This ship was struck four times. One 6-inch rifle shell came through the starboard after pivot port, killing S. H. Randall, seaman, at the after pivot gun, severely wounding Richard Hodgson, third assistant engineer, at the engine bell, and, passing through the combings of the engine-room hatch, picked up three loaded muskets, (each lying flat on the deck, on the port side of that hatch,) and burst in the bulwarks, over the first cutter, which was lowered to near the water's edge, drove the muskets through the open port there, and severely wounded William Cowell, seaman, who was in the boat sounding, and slightly wounding Henry Clark, chief boatswain's mate. One 8-inch solid shot struck on our starboard quarter, near the copper, and cut the mizzenmast half in two between decks. One 32-pounder shot passed through the rail. A second 8-inch solid shot carried away, amidships, the keel of the launch, (which was partly lowered,) and, entering on the starboard side, struck the steam drum, and, glancing, fell into the fire-room.

We expended 19 eleven-inch shells, 5" fuzes; 16 eleven-inch shrapnel; 3 eleven-inch grape, from the two pivot guns; 12 six-inch shells; 6 32-pounder grape, from the two thirty-twos; and 28 thirty-pounder bolts, from two rifle guns—most of these from the forecastle pivot gun.

The officers and men did their duty well. The enemy's fire was heavy. I enclose the surgeon's report. We have no carpenter.

Respectfully, yours,

S. PHILLIPS LEE, *Commander.*

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES SHIP ONEIDA,
Above Vicksburg, Mississippi, June 28, 1862.

SIR: I beg leave to report the following casualties which occurred during an engagement with the rebel batteries at Vicksburg this morning:

Killed.—Stephen H. Randall, seaman.

Wounded.—Richard M. Hodgson, 3d assistant engineer, severely—extensive contusion and laceration of the leg; William Cowell, seaman, comminuted fracture of the ulna and tarsal bones, and deep flesh-wound of the thigh; Henry Clarke, boatswain's mate, slightly cut on the leg.

Very respectfully,

JOHN Y. TAYLOR, *Surgeon.*

Commander S. PHILLIPS LEE, U. S. N.,

Commanding United States Ship Oneida.

UNITED STATES STEAMER RICHMOND,
Above Vicksburg, Mississippi, June 28, 1862.

SIR: In accordance with your instructions, I have the honor to enclose herewith the surgeon's report of the casualties on board this vessel during the engagement with the batteries at Vicksburg this morning. I also send, for your information, the reports of the carpenter and boatswain, showing the injury done to the Richmond by the enemy's shot.

Where all behaved so well I find it impossible to designate any particular individual, either among the officers or men, as meriting especial notice for gal-

lantry and good conduct during the spirited fight which lasted nearly an hour, and was for the most part at short range. Still, I feel that I should be doing great injustice to the officer to whom the careful training and consequent steadiness of the crew is due, if I were to fail to give him the credit he has so fairly won; I refer to Lieutenant Cummings, the executive officer of this ship, and I trust that a grateful country will soon reward him in some way for his untiring zeal and devotion to his profession and her cause.

With great respect, I am, sir, your obedient servant,

JAMES ALDEN, *Commander.*

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES SHIP RICHMOND,

June 28, 1862.

SIR: I respectfully beg leave to report the damage received by this vessel in the action off Vicksburg this day. She was struck by an 8-inch shot between Nos. 4 and 5 gun-ports, cutting through chain plate and plank shear, tearing up seven planks of spar deck, cutting through fore-and-aft knee, destroying carline, breaking diagonal knee, shattering beam, and imbedding itself therein; also, by an 8-inch shot forward of No. 6 gun-port, cutting through plank shear and one plank of deck, shattering the adjoining plank, passing over, grazing boat's davit. Between Nos. 13 and 14 gun-ports, by an 8-inch shell entering just below the mizzen channels, passing through bulwark, cutting off two timbers, tearing badly three streaks of ceiling, striking trunnion of gun, and, bounding broke two boarding pikes at mizzenmast. We were struck, also, by a shot on the cheek of the foremast and trestle-tree, cutting off the head of forestaysail mast.

Sir, I have the honor to be your obedient servant,

HIRAM L. DIXON, *Carpenter.*

Commander JAMES ALDEN,

Commanding United States ship Richmond.

UNITED STATES STEAM-SLOOP RICHMOND,

Off Vicksburg, June 28, 1862.

SIR: I have the honor to make the following report of damages sustained by this ship in the action of the morning of the 28th instant, in the boatswain's department, viz: Three shrouds, starboard fore rigging, one maintopmast stay, out-haul and down-haul of fore trysail, all shot away.

Very respectfully, sir, your obedient servant,

ISAAC S. CHOATE, *Boatswain.*

Commander JAMES ALDEN,

Commanding United States Steam-Sloop Richmond.

UNITED STATES FLAG-SHIP HARTFORD,

Above Vicksburg, June 29, 1862.

SIR: I have the honor to report the part taken by this ship in the battle of yesterday, in passing the forts at Vicksburg.

We were under way before daylight, and reached the scene of action as day was breaking, when the enemy opened fire on us from his scattered batteries on

shore. We returned it as they came in range, going at slow speed, our guns being worked with admirable coolness and deliberation, which was absolutely requisite, as we labored under the great disadvantage of not knowing the situation of the batteries, which were only discovered by the flash and the smoke of their guns; some, also, were on high bluffs, rendering it difficult to elevate our guns to reach them.

We were under fire about one hour and a half, receiving it on the broadside, and being raked ahead and astern. The enemy fired with great precision, and, although we silenced some of their batteries, they returned to them when we had passed and our guns would no longer bear, and recommenced firing. We stopped opposite one of the lower batteries more effectually to silence it. It would have been easy to have passed by the batteries under full steam and speed, with much less risk from the enemy's fire; but then our object would not have been gained in driving them away from their guns.

We are much cut up, both in hull and rigging, which the enclosed reports of boatswain and carpenter will show. The rigging was soon temporarily secured, under the direction of our indefatigable boatswain, James Walker. The enemy used—as was shown by our finding them on board after the action—80-pounder rifle, 32-pounders and 8-inch shot; also, rifle and musket balls—one of our men being wounded by the latter while working a howitzer in the top.

The executive officer, James S. Thornton, deserves much credit for his excellent distribution of the crew, at the gun and other divisions, and his efficient distribution of them during the action. The commanding officers of divisions also deserve mention—doing their duty with spirit and ability. They were: Lieutenant Albert Kautz, first division; Master John C. Watson, second division; Acting Master Daniel C. Murphy, third division; and Acting Master Ezra L. Goodwin, powder division.

The marine guard, under the charge of Captain Jno. L. Broome, had charge of two broadside guns, and fought them well, thus sustaining the reputation of that distinguished corps. In making this report it gives me an opportunity to supply an omission inadvertently made in my last report of the battle of the 24th and 25th of April; it is in speaking of the medical department, which, under its head, Fleet Surgeon Foltz, was administered admirably, both in this and the former battles. The engineer department, under Chief Engineer James B. Kimball, won much praise for its prompt and efficient working, both in passing the forts and batteries at New Orleans and also in this fight; a failure promptly to obey the bells or the giving out of the engines might have led to much disaster. Acting Midshipman Herbert B. Tyson, doing the duty of acting master, besides carrying on those duties with credit, also had charge of a broadside gun manned by his division. In fact, all—officers and men—were a credit to the ship and to the country for which they have so gallantly fought.

We have much to be thankful for, in only having to mourn the loss of one man—Edward E. Jennings, seaman—and having a few only slightly wounded, under such a heavy fire. I enclose the fleet surgeon's report.

Very respectfully, your obedient servant,

R. WAINWRIGHT,
Commander United States Navy.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

UNITED STATES FLAG-SHIP HARTFORD,
Above Vicksburg, June 29, 1862.

SIR: In obedience to your order of the 29th instant, I respectfully submit the following report of damages received in action of the 28th instant:

One shot through cut-water, (68-pounder;) one on water line, abaft of foremast, and through shell-room, (68-pounder;) one under fore-chains, above air-port, carrying away upper clamp and hanging-knee, (80-pounder, rifle;) one through starboard hammock-netting, abreast of mainmast, (32-pounder;) one through starboard battery, abreast of foremast, (68-pounder;) one through poop-cabin, starboard side, carrying away forward beam and two hanging-knees, bulkhead, &c. Main topsail yard shot away; barge's keel shot away; gig damaged.

Very respectfully, your obedient servant,

JAS. H. CONLEY,
Carpenter, United States Navy.

Captain R. WAINWRIGHT,
Commanding United States Flag-Ship Hartford.

FLAG-SHIP HARTFORD,
Above Vicksburg, June 28, 1862.

SIR: I have the honor to report the following list of killed and wounded on board this ship during the engagement with the batteries at Vicksburg, viz:

Killed.—Edward E. Jennings, seaman.

Wounded.—Charles Allen, seaman, head; Alex'r Capron, landsman, head; Lawrence Fay, boy; Patrick Roach, coal-heaver; Sylvester Becket, Alfred Stone and John Hardigan, landsmen; Jno. H. Knowles, quartermaster; and Nathan J. Salter, ordinary seaman; all slightly. Philip Roberts, seaman, severely; Joseph Guido, ordinary seaman, thigh; Flag-Officer D. G. Farragut and Jno. L. Broome, captain of marines, slight contusions.

I am, very respectfully, your obedient servant,

J. M. FOLTZ, *Fleet Surgeon.*

Commander RICHARD WAINWRIGHT,
Commanding United States Flag-Ship Hartford.

UNITED STATES FLAG-SHIP, HARTFORD,
Above Vicksburg, June 29, 1862.

SIR: In obedience to your order of the 29th instant, I respectfully submit the following report of damages done rigging in the action of the 28th instant:

Five starboard mizzen shrouds cut away. One mizzen topmast backstay, two main topmast backstays starboard, two starboard main shrouds, two fore topmast backstays, one port fore shroud, two starboard fore shrouds, one bow sprit shroud, and some running rigging also cut away.

Very respectfully, your obedient servant,

JAMES WALKER,
Boatswain, United States Navy.

Captain RICHARD WAINWRIGHT,
Commanding United States Steamer Hartford.

UNITED STATES GUNBOAT SCIOTA,
Above Vicksburg, June 28, 1862.

SIR: I have to report that, in passing the batteries this a. m., Aug. Ellsworth, ordinary seaman, was killed; E. W. Hathaway, seaman, lost his left arm above the elbow; Wm. Orme, landsman, was slightly wounded; and Clarence Miller,

landsman, slightly wounded in the head. The vessel was struck on the starboard quarter, demolishing the quarter-boat and driving in the spirketing. Another shot came through the starboard bulwarks, under the top-gallant forecastle, shattering and carrying away one of the knees and round houses; another shot went through the centre of the foremast, half-way up.

Herewith, I beg leave to enclose the surgeon's report of the casualties.

I am, respectfully, your obedient servant,

EDW'D DONALDSON,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

The rifle-gun carriage was rendered useless by a shot which struck it under the muzzle of the gun, passed through the breast-piece, and knocked away the brackets and iron-work on port side of gun.

H. A. ADAMS, JR.,
Lieutenant and Executive Officer.

UNITED STATES GUNBOAT, SCIOTA,
Mississippi River, above Vicksburg, June 29, 1862.

SIR: I find I omitted, in my report of yesterday's date, to state that the carriage of the 20-pounder Parrott gun, on the forecastle, was so badly injured as to render the gun perfectly useless, the breeching plate, eccentric, and forward part of carriage being demolished.

'Tis useless for me to state how coolly the officers and men behaved while under the enemy's fire. They all verified the good opinions formed of them when passing Forts St Philip and Jackson.

Very respectfully, your obedient servant,

EDWARD DONALDSON,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
*Commanding Western Gulf Blockading Squadron,
United States Steamer Hartford.*

UNITED STATES GUNBOAT WINONA,
Above Vicksburg, June 28, 1862.

SIR: I am happy to be able to report no casualties to life or limb in the action of this morning with the batteries in or about the city of Vicksburg. Two small shots, either grape or small field-piece, passed through our forward starboard bulwark, cutting away one stanchion and slightly splitting the spirketing. The damage is easily repaired. The vessels of the fleet, while passing the city, were first exposed to a heavy plunging fire from the batteries on the top of the bluffs, cross-fires from batteries (five in number, I think) in various places, then to raking fires from above and below; and, while passing the last battery at the upper end of the city, to heavy fire of musketry from concealed marksmen, and, lastly, to the raking fire of heavy guns for nearly two miles above the last battery.

When I came abreast of the upper battery it was entirely clear of men, having been cleared by the guns of the flag-ship; but, as soon as I passed, they returned and opened a very spiteful fire upon the flag-ship, Iroquois, Pinola, and

this ship, until beyond range. Taking all things into consideration, it seems miraculous that no more damage was sustained by the fleet.

From the experience of this morning I am satisfied that ships *can* clear batteries when placed on a level with them, or nearly so, though the men return to them as soon as the ship's guns cease to bear; but as to batteries placed on hills and bluffs, ships are almost useless against them.

I conclude, sir, by commending to your notice the good conduct of all on board. Where all were alike conspicuous it would be unjust to particularize.

Mr. Sanborn, acting as pilot, remained in the gangway during the whole action, and assisted in conning the ship. Mr. Sanborn is not a regular river pilot, but a raftsman, partly pressed into the service, and I think a good Union man. Some notice from you, sir, I think would be appreciated by him, and others like him in the fleet.

Herewith I transmit the return of ammunition expended in the engagement of this morning.

I am, sir, very respectfully, your obedient servant,

ED. T. NICHOLS,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

UNITED STATES STEAMER IROQUOIS,
Above Vicksburg, June 30, 1862.

SIR: Agreeably to your order, I submit the following report:

At two in the morning of the 28th, the signal being made from the flag-ship, I got under way and steamed slowly up, (the programme being that the Iroquois was to lead the attack upon Vicksburg,) and was up close into the lower battery before we were discovered, when they opened fire, which was immediately returned. We so fought our way up, running close into the town, having a raking fire from the fort above and a plunging fire from the batteries on the hill, together with broadsides from the cannon planted in the streets, and, what is most strange, through all this heavy concentrated fire, with the exception of cutting away both our mainstays, and some other immaterial damage to the rigging, we escaped without injury. One shell burst on board of us, scattering its fragments around, and yet no casualty occurred.

We remained off the upper battery until joined by the flag-ship, when, following your motions, we anchored out of range. My men and officers behaved with the same coolness which, I learn, so distinguished them in the attack on the forts below New Orleans.

I have the honor to be, sir, very respectfully, your obedient servant,

J. S. PALMER, *Commander.*

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

UNITED STATES GUNBOAT WISSAHICKON,
Off the Yazoo river, June 29, 1862.

SIR: I have the honor to submit the following report of our engagement with the rebel batteries on the heights of Vicksburg. Yesterday morning, at about two o'clock, observing the signal from the flag-ship for the fleet to weigh anchor and proceed to the attack, as arranged by general order, we were soon under

way and steaming slowly up the river. By four o'clock we were in our station, astern of the Iroquois, and on the port quarter of the Richmond, the Oneida ahead and close to us, the remainder of the vessels of the squadron not in sight.

At 4.15 the batteries opened a heavy fire upon us, which we immediately returned with our Parrott rifle and eleven-inch gun. Arriving opposite the city, and within four hundred yards of the lower batteries, our two 24-pounder howitzers, charged with shrapnel, were brought into operation and did good service in clearing the batteries of their crews. The action continued for one hour, during which the Wissahickon received four shots. Our port main rigging was shot away, and an eight-inch shell struck the vessel at the water-line, entering the berth-deck, where it killed one man and wounded all the men stationed to pass shot and powder on that deck. Our loss in the battle, though not heavy, is still severe. Master's Mate Charles M. Bird received a compound fracture of the left arm; ward-room cook killed, and five of the crew wounded. A severe attack of fever had confined me to bed for several days previous to the action, and I could do but little during its continuance except to encourage, by my presence on deck, the crew to do their duty faithfully.

To Lieutenant E. E. Potter, the executive officer, belongs the credit of our success, and it affords me pleasure to inform you that the officers and crew of the Wissahickon did their duty faithfully, and to my entire satisfaction.

After passing the batteries, I proceeded, according to my orders, to the mouth of the Yazoo river, but the gunboats named in your order, which were to join me, not having come up, I deemed it imprudent to attempt the ascent of the river alone. I shall, therefore, await your further orders.

I am, most respectfully, your ob't serv't,

JOHN DECAMP,
Commanding.

Flag-Officer D. G. FARRAGUT, U. S. N.,
Commanding W. Gulf Squadron, near Vicksburg, Miss.

Flag-Officer Farragut's report of affairs above Vicksburg, July 6, 1862.

UNITED STATES FLAG-SHIP HARTFORD,
Above Vicksburg, July 6, 1862.

SIR: I have to inform you that we are still at this place, bombarding it by the mortars from both sides of the peninsula. Flag-Officer Davis has four mortars, and Commander Porter sixteen. Commander Porter has hard work to keep them from attacking him with riflemen; thus far, however, he has always got the best of them, and forced them to retreat. He reported yesterday that he had found five dead bodies in the swamp near him, and large quantities of shoes, knapsacks, muskets, &c., showing that he had driven them precipitately from the woods.

I received a telegram yesterday from General Halleck, a copy of it is herewith enclosed, by which it appears that he will not be able to co-operate with us for some weeks yet.

Flag-Officer Davis received a letter from General Grant at the same time, at Memphis, stating that it was reported that Richmond was taken. Should this be true, no doubt but what Vicksburg will soon fall, but it must be by troops coming down in the rear. The city is sacrificed by the soldiers; it has been abandoned by the inhabitants. The ditch across the peninsula will soon be deep enough for the water to run through, unless the river should fall very fast. We are now in hopes of a little rise, a foot or so will accomplish the object.

I have the gunboats looking to the bluffs below, and giving convoy to our supply vessels.

I hear nothing of the Cayuga or Kearsage.

I hope the department will not supersede Commander Bell in the command of the Brooklyn, for you may depend upon it the navy has not a braver man or better officer. * * * * *

I hear by a deserter to General Williams that General Breckinridge is in command at Vicksburg, and they seizing every one for the army.

Very respectfully, your obd't serv't,

D. G. FARRAGUT,
Flag-Officer.

Hon. GIDEON WELLES,
Secretary of Navy, Washington.

UNITED STATES MILITARY TELEGRAPH,
Memphis, July 3, 1862.

[By telegraph from Corinth.]

The scattered and weakened condition of my forces renders it impossible for me, at the present, to detach any troops to co-operate with you on Vicksburg. Probably I shall be able to do so as soon as I can get my troops more concentrated; this may delay the clearing of the river, but its accomplishment will be certain in a few weeks.

Allow me to congratulate you on your great success.

H. W. HALLECK,
Major General.

Flag-Officer FARRAGUT,
Commanding United States flotilla in the Mississippi.

Commander D. D. Porter's report of the operations of the mortar fleet at Vicksburg.

UNITED STATES FLAG-SHIP HARTFORD,
Above Vicksburg, Mississippi, July 7, 1862.

SIR: I herewith forward the report of Commander D. D. Porter of his operations since the receipt of his orders to join me at Vicksburg up to date, and it gives me great pleasure to say that nothing could exceed that officer's perseverance in getting to the scene of his labors, or the steadiness with which his officers and men have carried on his work of demolition and annoyance to the enemy, while I deeply regret the chance shots which caused the death of his brave men. But, as I stated in my last communication, Commander Porter's service has been hard upon his officers and crew, though they have performed it well, willingly, and unflinchingly.

We hope soon to have the pleasure of recording the combined attack by army and navy, for which we all so ardently long.

Very respectfully, your obedient servant,

D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES STEAMER OCTORORA,

Vicksburg, July 3, 1862.

SIR: Agreeably to the orders received from you I sailed from Pensacola on the 3d of June, and on the 9th had all the mortar vessels in New Orleans. On the 13th sixteen vessels, in tow of the steamers, had left for Vicksburg, on half rations, the officers and men being desirous to arrive at the scene of action in good time. On the 20th we were before Vicksburg, ready for service, having met with no delay or accidents on the passage. On one occasion the flotilla was attacked with field-pieces at Ellis Bluffs, but the rebels were handsomely repulsed by the Owasco and Jackson, Lieutenants Commanding Guest and Woodworth. The mortar schooners George Mangham and Arletta, Acting Masters John Collins and Thomas E. Smith, and the Horace Beales and Sarah Bruin, Lieutenant Commanding Breese and Acting Master A. Christian, were also attacked at different times, but they whipped off the rebels, and pursued their voyage in peace. The latter schooner had two men seriously hurt, having each lost an arm by a 12-pound shot. Lieutenant Commanding Breese gives his officers full credit for behaving handsomely under a troublesome fire from field-pieces and concealed riflemen.

On the 21st, with a mortar schooner alongside, I proceeded up toward the city of Vicksburg, to obtain ranges and draw the fire of the enemy's forts, about which we had no information. The rebels allowed us to get within good range, when they opened on us with all their batteries, without, however, doing any harm, and enabled us to get the desired information. I gave them four bombs, to let them see they were in range, and some 100-pound rifle shots, and returned to the anchorage, after satisfying myself about the proper position to place the mortar vessels in.

On June 26 I was employed all night getting the mortars in position. Nine on the right-hand side going up, under command of Lieutenant Commanding Smith, and eight on the left side, under command of Lieutenant Commanding Queen. Lieutenant Commanding Breese was left at New Orleans to bring up the last vessels. He was detained, also, getting the Sea Foam afloat, which vessel had grounded badly on a sand-bar, where she will most likely remain for the rest of the season. The position selected here for the mortars was a beautiful one on the starboard side of the river, at 2,500 yards from the main battery, and 2,200 from the water battery. The vessels on the port side, about 700 yards further off, were rather exposed to the enemy's fire, but were so covered up with bushes that it was not easy to see them at that distance, much less to fire accurately at them.

When the mortars were all in position they opened their fire deliberately, for the purpose mainly of getting ranges, which they succeeded in doing after a few fires. The enemy opened on them from all their batteries in range, but, though they fired all around and over them, none were struck. A kind Providence seems to look out for this little fleet. They soon silenced the batteries, and were enabled to pursue their experiments unmolested.

On June 27 the mortars opened again on the forts at 5.45 a. m., firing rapidly. The rebels attempted to respond, but were driven away from their guns after we had fired a little less than an hour. The steamers were also employed, throwing in an effective fire with their rifle-guns. The practice was kept up during the day with good effect, many of the bomb-shells going into the forts or bursting over them. Only one vessel, the C. P. Williams, was struck on this day, a 7-inch shell lodging in her bow and sticking there, showing that the enemy's powder was bad. At sunset we ceased firing, and at 8 o'clock opened again with all the mortars on the town, doing much damage. At 8.30 I sent the Owasco, Lieutenant Commanding Guest, up abreast of the town to throw some incendiary shells, which proved to be failures, as they did not explode.

June 28, at 3 o'clock a. m., the squadron made a move to pass the batteries,

and the flotilla steamers got under way to take their position, which was to enfilade the water batteries as the ships passed. The headmost vessels of the squadron passed along a little before time, unsupported, and our vessels could not get near enough to them to be of any service. Five of the above-mentioned vessels went gallantly on, despite the fire of the batteries, throwing in their grape and cannister, favored much by the heavy atmosphere and early morning light. At 4 o'clock the flag-ship came along, with two gunboats. By that time the mortar steamers had got nearly into position, and moved up toward the batteries, throwing in a quick fire. Nearly all the mortars had commenced as the Richmond passed, and the shells were falling very well and rapidly, the Hartford and gunboats opening their batteries with grape, cannister, and shrapnel. The air seemed to be filled with projectiles. The lower batteries were silenced for the time, though I saw that the rebels would manage to get a shot or so at the ships after they had passed along. The batteries out of range of the mortars were very severe, and I am sorry to say that some ships lost, in killed and wounded, as many as they did at Forts Jackson and St. Philip. I regret that the mortars were not able to reach these batteries.

About the time the Hartford passed the Octorora's wheel-ropes got jammed below, and there was a fair prospect of drifting out of action, or into some of the vessels astern, as I went drifting by the Miami. I hailed her commander, and ordered him up within six hundred yards of the batteries. Also hailed the Jackson, and ordered the Westfield and Clifton to go ahead of me until I could relieve myself from my unpleasant position. The Owasco, Lieutenant Commanding Guest, and Harriet Lane, Lieutenant Commanding Wainwright, had been ordered to act at discretion, and throw on their fire to the best advantage, which they did effectually. The river being narrow, and the current very strong, it was impossible to manœuvre so many vessels to advantage, and leave room for the squadron of ships to pass.

I had cleared my wheel-ropes, and succeeded in getting again to my place ahead, and was in fine position (with all the steamers firing very rapidly and effectually) to cover the Brooklyn, Katahdin, and Kennebec as they came along, presuming that they were going to follow the Hartford. That vessel was now two miles ahead, and appeared to be under a heavy fire from a battery of six guns at the upper end of the city, out of mortar range. The Brooklyn came up a little ahead of the mortar vessels and opened fire, as did the gunboats astern of her, but did not pass through.

Not a shot had, up to this time, struck one of the mortar steamers; when, finding it necessary to slow the engines, to get out of the line of the Brooklyn's fire, the vessel became stationary, and a fair target for what guns the enemy were able to fire. The Jackson, Lieutenant Commanding Woodworth, was struck badly with rifle shell, one of which exploded in her wheel-house, disabling the man at the wheel by cutting off his leg, and knocking her steering apparatus to pieces, which disabled her. The other struck the pillar block support, almost cutting it in two. This steamer being disabled, the Clifton, Lieutenant Commanding Baldwin, went to her assistance, (by signal,) and, while in the act of taking her in tow, a 7-inch shot passed in on the Clifton's port bow, going through her boiler. By this catastrophe, six of the men in and about the magazine were scalded to death, and others were scalded severely. The steam drove eight or ten men overboard, one of whom was drowned. The Jackson, Lieutenant Commanding Woodworth, now became the helping ship, and picked up out of the water the Clifton's men, that steamer being completely disabled. The Westfield, on approaching to assist her, was struck on the frame of her engine, by a heavy rifle shot, which, fortunately, did not go through, having struck butt-end foremost, and consequently caused but short delay. In the meantime the Octorora dropped out of fire, took the Clifton in tow, and removed her to a place of safety. The Jackson drifted out clear. No further necessity existing for the flotilla steamers remaining under fire, (the Brooklyn

and those astern of her having slowed their engines, and proceeding no further,) the signal was made to retire under cover of the woods, having been sixty-five minutes under fire. Although the steamers disabled were in a strong current, and narrow, crowded river, they were handled and taken out of action without confusion of any kind, beyond that occasioned by the escaping steam on board the Clifton. Such a calamity is always appalling to those unused to the effects of such a terrible enemy on board their own vessel. The conduct of the officers and men on board the Clifton was creditable in the highest degree, and I regret to say that those scalded to death were some of the leading men of the vessel.

No further casualties occurred of any consequence. The Jackson and Clifton are temporarily repaired, the latter working under one boiler. All the steamers took good positions, and their commanders did their duty properly. It is to be regretted that a combined attack of army and navy had not been made, by which something more substantial might have been accomplished. Such an attack, I think, would have resulted in the capture of the city. Ships and mortar vessels can keep full possession of the river, and places near the water's edge, but they cannot crawl up hills three hundred feet high, and it is that part of Vicksburg which must be taken by the army. If it was intended merely to pass the batteries at Vicksburg, and make a junction with the fleet of Flag-Officer Davis, the navy did it most gallantly and fearlessly. It was as handsome a thing as has been done during the war; for the batteries to be passed extended full three miles, with a three-knot current, against ships that could not make eight knots under the most favorable circumstances. Again, sir, I have to mention favorably the divisional officers, and the acting masters commanding mortar vessels. Anchored at all times in a position selected by myself, more with regard to the object to be accomplished than to any one's comfort or safety; knowing that they will have to stay there without a chance of getting away till I think proper to remove them, (no matter how thick the shot and shell may fly,) there has always existed a rivalry as to who shall have the post of honor, (the leading vessel) almost certain to be struck, if not destroyed.

They know no weariness, and they really seem to take a delight in mortar-firing, which is painful even to those accustomed to it. It requires more than ordinary zeal to stand the ordeal. Though I may have at times been exacting and fault-finding with them for not conforming with the rules of the service, (which requires the education of a life-time to learn,) yet I cannot withhold my applause when I see these men working with such earnest and untiring devotion to their duties while under fire.

The officers and crew of the Octorora behaved like veterans; and I am much indebted to that excellent officer, Lieutenant George Brown, for the drill of the crew, and the perfect arrangements made for going into action. On the day the squadron passed up, the mortars were engaged in divisions in firing on the enemy and keeping his guns quiet, and so on up to the 1st of July.

Two or three deserters came in, one of them asserting a marvelous story that the ships and mortars had killed and wounded seven hundred persons. No doubt some were killed, but very likely fewer than stated, and only in and about the forts. Only two schooners were struck. One, the C. P. Williams, Acting Master Amos R. Langthorne, in the bow; the other, the Orvetta, Acting Master Blanchard, through the foremast. Nobody has been hurt, so far, in the mortar vessels.

On the 1st of July our pickets (which were thrown out about a hundred yards) were surprised by a large body of rebels close to them, evidently intending to surprise the mortar schooners. They immediately came in to report, the enemy firing on them as they retreated. In a moment all the guns of the mortar vessels and flotilla steamers opened on the woods with grape, schrapnel, cannister, shell, and roundshot, (the mortars throwing in bombs with small charges,) and we knew, if an enemy was there, he could not face a fire like ours, from fifty guns, spread out along the levee for about a mile. After the woods

were well shelled, the pickets went in and captured three rebel soldiers, who were helplessly stuck in the mud, from which they had much difficulty in extricating themselves, and cried out lustily that they had surrendered. They were brought in, with their arms and accoutrements. These men state that two regiments, one from Tennessee, the other from Mississippi, were put under arms, and made to believe they were going to attack some United States troops. Finding the head of our schooners guarded, the rebels attempted to pass through the middle of the wood and enfilade us, but got helplessly stuck in the middle of the swamp, or the thick mud which exists here. While in this condition, our guns commenced shelling the woods, and the two regiments were panic stricken. They threw away their knapsacks, cartridge boxes, and everything that would impede their progress. In going over the ground afterwards, our men found evidences of a general stampede throughout the woods; amongst other things they picked up from the mud the heavy boots of a general officer, with silver spurs on. There was evidence in the marks that the enemy had been completely "bogged," or sunk in the mud, and our prisoners informed us that, had we gone into the woods at that moment, with two hundred men, we could have captured the two regiments, as they were, for a time, perfectly helpless, having thrown away many of their arms, &c. It was on this marsh I depended for safety when I placed the schooners in position; for, without such a natural defence, we should have been at the mercy of concealed riflemen.

Not wishing to have any mishaps, I landed five howitzers, threw up works, posted fifty marines as pickets, and had a large bell slung up in the woods with lines leading to it from different points, so that the pickets might give immediate alarm. After which the mortar flotilla went to their repose with great confidence. We have held the position we first took. We have advanced, indeed, 300 yards with the mortars. We are within 2,100 yards of the enemy's batteries, and in short distance of an army (which they say consists) of thirty thousand men—a very doubtful estimate, as it will not amount to a half or a third of that number. From what I can learn from pretty reliable sources, the regiments are small, and do not average 500 men each. I do not think there are 6,000 men in this town and the surrounding country, and many of them are sick.

I respectfully submit a list of the killed and wounded on board the steamers Clifton and J. P. Jackson. On the Clifton there were eight killed and one wounded: Thomas Collins, gunner's mate; Robert Sargeant, ship's cook; John Burke, ordinary seaman; William Morris, captain's cook; John B. Carlton, landsman; and George B. Derwent, (colored,) wardroom steward, killed; and John Hudson, master at arms, severely wounded; John Connor, 2d class fireman, was drowned. On the Jackson, Alexander Greenwall, seaman, was severely, if not mortally, wounded.

On the 2d of July the enemy made another attack on our pickets and drove them in, wounding two of them, and succeeded in getting so close as to fire on our decks; but they soon met with the fire of five field pieces which I had placed near the edge of the woods, and which must have inflicted severe punishment. Five dead bodies have since been found and evidences of some wounded, from the muskets and other arms thrown away, I suppose, in the retreat. Since then we have fortified ourselves so that they cannot annoy us without getting the worst of it. They have shelled our position, fired hot shot and rifled shot in abundance; and though they have made some holes in the mortar vessels, we have held our position, and shell them out whenever we open on them with mortars.

Very respectfully, your obedient servant,

DAVID D. PORTER,
Commanding Mortar Flotilla.

Flag-Officer D. G. FARRAGUT,
*Commanding Western Gulf Squadron,
United States Steamer Hartford.*

Reports of Lieutenant Commanding Crosby, of the Pinola, and Lieutenant Commanding Woodworth, of the J. P. Jackson, of the attack on Vicksburg, June 28, 1862.

UNITED STATES FLAG-SHIP HARTFORD,
Above Vicksburg, July 8, 1862.

SIR: I have the honor to forward the report of Lieutenant Commanding P. Crosby, of the attack on Vicksburg, June 28, 1862; also the report of Lieutenant Commanding Selim E. Woodworth, commanding the gunboat J. P. Jackson, of the same affair.

Very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer, Commanding Western Gulf Blockading Squadron.

HON. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES GUNBOAT PINOLA,
Above Vicksburg, June 30, 1862.

SIR: I have the honor to report that I took my position in line of battle on the 28th instant at 3.10 a. m., in obedience to signals, and stood up the river in company with the squadron. At 4 a. m. opened fire on the enemy's batteries, which we continued until 6.10 a. m., when we had passed Vicksburg and were beyond the range of our stern guns, (24-pound howitzers,) but within range of the enemy's heavy rifled guns for some twenty minutes after we had ceased firing. At 6.40 a. m. anchored above Vicksburg; fired from the 11-inch gun 20 shell, 3 grape, and 1 shrapnel; from the Parrott rifle 29 shell; from the howitzers 13 shell and 20 shrapnel—total 86. Owing to the smoke and remarkably scattered position of the enemy's guns, we labored under great disadvantage in aiming, which hindered us from firing more rapidly. The fire from the enemy upon us was very severe, owing in a great measure, I think, to our being the last vessel that passed their batteries. But, I am thankful to say, only a few shot struck us, one of which, a heavy shot, struck John Brown, ordinary seaman, at the 11-inch gun, seriously wounding him; another, a 50-pound rifle shot, cut away the timber-head of the starboard after port; struck the howitzer and carriage, slightly defacing the former and slightly injuring the latter; it also struck the cabin hatch, destroyed the barometer and thermometer, and landed in the port water-ways; and, I regret to say, it killed William H. Thomas, quarter-gunner and captain of the gun, while sighting the piece, and mortally wounded Thomas Graham, landsman, who died in a few minutes after; it also slightly wounded William H. Shucks, landsman. Daniel Colleran, landsman, was wounded by a musket ball, volleys of which were fired at us from hills and bushes. We received some four or five large grape shot in the hull just below the water-ways. I am happy to say that neither the vessel nor guns were disabled. The howitzer continued firing after the accident, under the direction of Acting Master's Mate William H. Thompson, who, by his brave example, restored confidence to his crew, and did great service in the action.

I have again the pleasant duty of bearing testimony to the gallant conduct of the officers and crew of this vessel; the spirit and zeal exhibited in the performance of their duties on this occasion. John R. Tennant, quartermaster, gave the soundings with as much coolness as though he had been making an ordinary survey. Mr. John McHugh, our pilot, behaved in a remarkably cool and self-possessed manner, and gave me great assistance. Great credit is due Lieutenant

A. E. Cooke for the efficient manner in which the guns were worked, and for the good training of the ship's company. Accompanying this report I send Assistant Surgeon L. M. Lyon's report of casualties.

I am, sir, very respectfully, your obedient servant,

PIERCE CROSBY,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,

*U. S. N., Commanding Western Division of United States
Blockading Squadron, Gulf of Mexico.*

UNITED STATES GUNBOAT PINOLA,
Above Vicksburg, June 30, 1862.

SIR: I have to report to you the following as the list of killed and wounded during the late action in front of Vicksburg between our fleet and the enemy's batteries and soldiery:

Killed.—William H. Thomas, quarter gunner.

Mortally wounded.—Thomas Graham, landsman, (since dead.)

Seriously wounded.—John Brown, ordinary seaman.

Slightly wounded.—Daniel Colleran and William H. Shucks, landsmen.

Very respectfully,

L. M. LYON,
Assistant Surgeon, United States Navy.

Lieutenant Commanding PIERCE CROSBY,
United States Navy.

UNITED STATES STEAMER J. P. JACKSON,
Off Vicksburg, June 30, 1862.

SIR: I have the honor to report the following casualties on board the United States steamer J. P. Jackson during the engagement on the morning of the 28th ultimo before Vicksburg. In endeavoring to obtain the position assigned me, by your order, in front of the lower "water battery," my vessel was struck by a 7-inch rifle projectile, which, entering on the starboard side of the forward bulkhead, passed obliquely through the forward wheel-house, destroying the wheel, and passed out through the hurricane deck, taking off the right foot of one of the steersmen, and wounding the left foot.

The vessel was for a while rendered unmanageable, but, by the aid of a jury tiller, we were enabled to steer down the river out of the action, when the signal to retire was made. We received another 7-inch rifle projectile in our starboard wheel, cutting away one-half of the bridge piece supporting the other end of the shaft immediately under the pillar block. We were struck slightly by two grape or other shot, doing no damage. We fired from our guns during the engagement 117 shot, shell, grape, and shrapnel. I take pleasure in stating that the gallant conduct of my men and officers during the action met with my highest commendations.

Enclosed I send you the report of Surgeon Thomas Yard, containing list of wounded.

I have the honor to be, very respectfully, your obedient servant,

SELIM E. WOODWORTH,
Lieutenant Commanding, United States Navy.

Commander D. D. PORTER,

Commanding Mortar Flotilla.

UNITED STATES STEAMER J. P. JACKSON,
Off Vicksburg, July 2, 1862.

SIR: I have to report that on the morning of the 28th June, during an engagement with the enemy at Vicksburg, a shot struck the foot and leg of Alexander Grenwald, a seaman on board this vessel, wounding him in such a manner that I was obliged to amputate his leg in the lower third. I am happy to state that no other accident of any kind occurred to our officers or crew.

Very respectfully, your obedient servant,

THOS. S. YARD,
Acting Assistant Surgeon, United States Navy.

Lieut. Commanding SELIM E. WOODWORTH,
United States Steamer J. P. Jackson.

Engagements with the Ram Arkansas, July 15, 1862.

UNITED STATES FLAG-SHIP HARTFORD,
Below Vicksburg, July 17, 1862.

SIR: It is with deep mortification that I announce to the department that, notwithstanding my prediction to the contrary, the iron-clad ram Arkansas has at length made her appearance, and taken us all by surprise. We had heard that she was up at Liverpool, in the Yazoo river, and Lieutenant Colonel Ellet informed me that the river was too narrow for our gunboats to turn, and was also shallow in places, but suggested that Flag-Officer Davis might send up some of his iron-clad boats, which draw only six or seven feet of water.

When this was proposed to Flag-Officer Davis he consented immediately, and General Williams offered to send up a few sharpshooters. The next morning they went off at daylight, and by six in the morning we heard firing up the river, but supposed it to be the gunboats firing at the flying artillery, said to be lining the river. In a short time, however, the gunboats appeared, and the ram in pursuit. Although we were all lying with low fires, none of us had steam, or could get it up, in time to pursue her; but she took the broadside of the whole fleet. It was a bold thing, and she was only saved by our feeling of security. She was very much injured, and was only able to drift or go at the slowest speed—say, one knot, and with the current she got down to the forts of Vicksburg before any of us had steam up.

I had a consultation with Flag-Officer Davis, and we thought it best to take the evening, when he dropped down to take the fire of the upper battery, and my squadron passed down with the determination of destroying the ram, if possible; but, by delays of getting in position, &c., it was so dark by the time we reached the town that nothing could be seen except the flashes of the guns, so that, to my great mortification, I was obliged to go down and anchor, with the rest of my fleet, to protect the transports, mortar-boats, &c.

The ram is now repairing damages—for we put many holes through her—though we do not know the extent of damage done to her. Be assured, sir, however, that I shall leave no stone unturned to destroy her. I regret to report that the loss from this vessel was one officer and two men killed, and five men wounded. The total loss in the fleet was five killed and sixteen wounded. I enclose herewith the fleet surgeon's report of casualties.

Very respectfully, your obedient servant,

D. G. FARRAGUT,
Flag-Officer, Comd'g Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

FLAG-SHIP HARTFORD,
Below Vicksburg, July 16, 1862.

SIR: I respectfully report the following list of killed and wounded in the fleet during the engagements on the 15th instant, viz:

FLAG-SHIP HARTFORD.

Killed.—George H. Loundsberry, master's mate; Charles Jackson, officers' cook, and John Cameron, seamen, by cannon-shot.

Wounded.—Captain John L. Broome, marine corps, and Thomas Hoffman, paymaster's steward, severe contusions; John D. Barnes, fireman, and Michael Martin, landsman, contusions; George Royer, marine, and Henry Downs, boy slightly.

WISSAHICKON.

Killed.—John Garrett, ordinary seaman, by a cannon-shot.

Wounded.—Edward York, fireman, and Daniel Hays, ordinary seaman, and Joseph Ranahan, landsman, severely; James Revell, ordinary seamen, slightly.

WINONA.

Killed.—John H. Harway, landsman, by a shell.

Wounded.—John Jones, captain afterguard, severely; William Malley, landsman, slightly.

SCIOTO.

Wounded.—James H. Mathist, landsman, and Peter Lasher, ordinary seaman, severely.

RICHMOND.

Wounded.—William Somes and William Nelson, seamen, slightly.

Total—5 killed; 16 wounded.

I am, very respectfully, your obedient servant,

J. M. FOLTZ, *Fleet Surgeon.*

Flag-Officer D. G. FARRAGUT,

Comd'g Western Division Gulf Blockading Squadron.

UNITED STATES STEAM-SLOOP ONEIDA,
Below Vicksburg, July 16, 1862.

SIR: I make the following report of the action with the batteries and with the rebel iron-clad ram Arkansas, last evening, in passing Vicksburg.

At 6.40 p. m. flag-ship made general signal 1,218; got under way, steaming as necessary, whilst the fleet was formed according to the plan for the morning of the 28th ultimo. Renshaw's mortars were now firing at the batteries. At 6.55 the army mortars commenced firing; at 7 the Benton opened fire on the new upper battery; at 7.20 passed two of the army gunboats—now holding their fire to allow us to pass—our fleet having formed and closed up; at 7.30 we opened fire on the new upper battery; fired, in passing, at the upper batteries and rifle-pits with our battery and small arms, whilst under like fire from the rebels.

We passed near the left (east) bank, stopped the engine, and drifted by the town; saw the wharf boat; fired bolts from two rifled guns and solid shot from the two 11-inch pivot guns at the Arkansas, which, lying under the bank,

exposed her position by firing. Stopped firing at 7.50, having expended the following projectiles: 6 shells, 11-inch, 5" fuze; 9 grape, 11-inch; 2 solid shot, 11-inch, (at the ram;); 10 shells, 32-pounders, 5" fuze; 1 stand 32-pounder grape; 2 solid 32-pounder shot; 16 bolts and 1 shell from the 30-pounder Dahlgren rifle guns. No casualties occurred on board. The officers and men on the sick list who were able to go to their guns did so. Anchored with the fleet.

Respectfully yours,

S. PHILLIPS LEE,
Commander.

Flag-Officer D. G. FARRAGUT,
Commanding, &c., &c.

FLAG-SHIP HARTFORD,
Below Vicksburg, July 22, 1862.

SIR: I herewith enclose the reports of these vessels, the Iroquois, Richmond, Sciota, and Winona, of their passage down the river from above this place, and the encounter with the ram Arkansas.

I am, sir, respectfully, your obedient servant,

D. G. FARRAGUT, *Flag-Officer,*
Commanding Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-SHIP HARTFORD,
Below Vicksburg, July 16, 1862.

SIR: Yesterday morning about six o'clock firing was heard up the river, supposed to be a reconnoitering party engaged with the enemy's field artillery up the Yazoo river; but it proved that they were engaged with the enemy's ram Arkansas, which soon appeared coming round the point, firing and being fired into by the different vessels. We gave her our port broadside as she passed, but with what effect could not be seen. We were loaded with 5" shell. At 6.45 p. m. we got under way and stood down the river, when the upper battery opened. We returned their fire as soon as our guns would bear, and continued firing without intermission at batteries, ram, and riflemen, until we anchored below the town. The officers and men behaved with their accustomed bravery and coolness. The two (officers) acting masters of the powder division were sick, but, under the direction of Paymaster G. F. Plunket, and Sailmaker John A. Holbrook, its duties were admirably carried on. The efficiency of the gun divisions are, in a great measure, due to the drill of Acting Midshipmen J. H. Reed, E. C. Hazeltine, and H. L. Blake. We were struck in the hull several times, and a 9-inch shell, that did not explode, carried away our starboard fore-topsail sheet and bitts on berth deck. The rigging was but slightly injured.

We had killed Master's Mate George F. Lounsberry, Officer's Cook Charles Jackson, and John Cameron, seaman; six were wounded.

I am, respectfully, yours,

R. WAINWRIGHT, *Commander,*
Commanding Flag-Ship Hartford.

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

FLAG-SHIP HARTFORD,
Below Vicksburg, July 16, 1862.

SIR: The following officers and crew of this ship were killed and wounded in the engagement last night, viz:

Killed.—George H. Lounsberry, master's mate, killed by a cannon ball; Charles Jackson, officers' cook, killed by a cannon ball; John Cameron, seaman, killed by a cannon ball.

Wounded.—Thomas Hoffman, paymaster's steward, struck in head and chest with splinters; John D. Barnes, fireman, contusion of shoulder; Michael Martin, landsman, contusion of arm, slightly; George Royer, marine, contusion of arm, slightly; Henry Downs, boy, (colored,) contusion of arm, slightly; Captain John Broome, marines, contusion of head and shoulder.

Total.—Killed, 3; wounded, 6.

I am, very respectfully, your obedient servant,

J. M. FOLTZ, *Fleet Surgeon.*

Commander R. WAINWRIGHT,

Commanding United States Steamer Hartford.

UNITED STATES STEAMER IROQUOIS,
Below Vicksburg, July 17, 1862.

SIR: At twenty minutes after six in the afternoon of the 15th, signal being made from the flag-ship to weigh and form the line ahead, (the Iroquois being ordered to lead,) I was immediately under way, and stood down the river toward the newly erected battery, having been preceded about half an hour by Flag-Officer Davis and the Benton, with two other iron-clad gunboats, whose instructions were to keep in play the upper battery, whilst we passed on to the attack.

At seven we passed the head of their line, and were immediately under fire, which we returned at once; and very soon after the hill battery, in the upper part of the town, commenced its raking fire, the shot and shell flying over us, their guns not being sufficiently depressed. In a short time we were abreast of the town, from which we received volleys of musketry and artillery, which we returned with shrapnel and grape. Now the lower hill batteries commenced their plunging fire, and at this critical moment our worn-out engines suddenly stopped, and we drifted for twenty minutes under fire, which, as night was now setting in, was ill-directed, and very soon gave me no concern.

As we dropped down, the lower water battery, and what I supposed might be the iron-clad ram, opened upon us. This we returned with solid shot. But with all this fire of heavy shot and shell from the batteries, of musketry and field-pieces with which the town was crowded, with the exception of a 6-pound shell, fired from a field-piece, left sticking in our side between wind and water, we escaped without damage.

By the indefatigable exertions of our chief engineer the engine was set going again, and when below their line of fire, I turned and stood up again for the batteries, thinking the flag-ship was still above. But afterwards, finding that in the darkness she had passed below unobserved by us, I dropped down and anchored beside her.

I have the honor to be, sir, very respectfully, your obedient servant,

JAMES S. PALMER, *Commander.*

Flag-Officer DAVID G. FARRAGUT,

Commanding Western Gulf Squadron.

UNITED STATES STEAMER RICHMOND,
Near Vicksburg, July 16, 1862.

SIR: I have the honor herewith to enclose the surgeon's report of casualties, and also those of the boatswain and carpenter, showing the injury done to this vessel by the enemy's shot during the action of last evening. Every one on board behaved well. A careful lookout was kept for the ram as we passed, but owing to the obscurity of the night we could not make her out.

Respectfully, sir, your obedient servant,

JAMES ALDEN, *Commander.*

Flag-Officer D. G. FARRAGUT,

Com'd'g Western Gulf Blockading Squadron, Flag-Ship Hartford.

UNITED STATES STEAMER RICHMOND,
Below Vicksburg, July 16, 1862.

SIR: The following are the only cases of injury that occurred in passing the batteries of Vicksburg last evening:

Wounded.—William L. Somes, seaman, incised wound of scalp, not severe; William Nelson, seaman, slight injury of right thumb, and contusion of left knee.

Very respectfully,

A. A. HENDERSON, *Surgeon.*

Commander JAMES ALDEN,

United States Steamer Richmond.

UNITED STATES STEAMER RICHMOND,
Off Vicksburg, July 16, 1862.

SIR: I respectfully beg leave to submit to you the following report of injuries received by this ship in action on the evening of the 15th instant, viz: Two shrouds, port mizzen rigging, shot away; two quarter-blocks, foretopsail yard-bands badly injured; and port foot-rope shot away; brails and outhaul of spanker shot away, same shot seriously injuring the spanker.

Most respectfully, sir, your obedient servant,

ISAAC T. CHOATE,
Boatswain, United States Navy.

JAMES ALDEN, Esq.,

Commanding United States Steamer Richmond.

UNITED STATES STEAMER RICHMOND, July 16, 1862.

SIR: I beg leave respectfully to state the damage sustained by this vessel, off Vicksburg, in the action of the 15th instant.

She was struck by a shot on the port side, at the water-line, under No. 1 gunport, going in two inches and glancing off; struck by a 9-inch shot under No. 3 gunport, two feet above the berth deck, passing through planking timbers and ceiling, breaking off one hanging and two diagonal knees, demolishing a mess-chest, and lodging on the starboard side. Between No. 11 and 13 gunports five grapeshot struck the side of the ship; one six-pound shot struck near the top on the afterpart of No. 12 gunport, imbedding itself in the timber; a

six-pound shot struck on the forward side of No. 15 gunport, burying itself in the timber; one six-pound shot came through the afterport of cabin, carrying away sash, blinds, and bulkhead, and lodging in the signal-room. A large number of bullets struck and lodged in the side; the mainmast and steam-pipe were also struck by bullets. The foretopsail yard was struck by a shot, carrying away quarter-blocks and starting the bands.

I have the honor to be, sir, your obedient servant,

H. L. DIXON, *Carpenter.*

Commander JAMES ALDEN,

United States Steamer Richmond.

UNITED STATES GUNBOAT SCIOTA,
Above Vicksburg, July 15, 1862.

SIR: This morning, about 6.10 o'clock, heavy firing was heard on board this vessel apparently from the direction of the Yazoo river, the cause of which soon manifested itself in the appearance of the gunboat Tyler, Lieutenant Commanding Gwinn, running before, and closely followed by, an iron-clad rebel ram—since ascertained to be the Arkansas—escaped out of the Yazoo river. This vessel—of a similar construction to the Louisiana and Mississippi destroyed at New Orleans; that is, with a screw propeller and inclined iron sides, armed with nine guns—seemed, from her movements, to trust entirely to her invulnerability for a safe run to the cover of the Vicksburg batteries. The Tyler made a running fight until within our lines, when the vessels opened as their guns bore, the rebel's speed diminishing very visibly. This gunboat was anchored forth in line from up river, without steam, and engines under repairs; but as soon as I heard the firing I ordered fire started and steam to be raised with all despatch. My eleven-inch gun being loaded with a ten-second shell, which I had endeavored in vain to draw, as the rebel came within my train I fired, striking him fair, but the shell glanced off almost perpendicularly into the air and exploded. At the same time I opened a brisk fire with all my small arms against his ports, which, I am confident, prevented them from manning her port guns till after she had passed us. I observed one man in the act of sponging tumble out of the port, sponge and all, evidently shot by a rifle ball.

I found my officers and men ready, but such was the suddenness of the appearance and passing of this formidable vessel of the enemy that but little time was afforded for any continued attack upon her with the unwieldy gun carried by this vessel. After passing down stream out of my line of fire, which he did in from four to six minutes, I was unfortunately only a spectator of the final result of this event.

I am, very respectfully, your obedient servant,

R. B. LOWRY,

Lieutenant, Commanding U. S. Gunboat Sciota.

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES GUNBOAT SCIOTA,
Below Vicksburg, July 16, 1862.

SIR: I have the honor to report that, in obedience to general signal, made yesterday at 7 p. m., I got under way and took position fifth in line and steamed down the river. On nearing the point opposite the city, found an active bombardment kept up from the iron-clad vessels of Flag-Officer Davis's fleet, while the rebels were replying with great spirit from all the hill and water batteries,

strengthened by large bodies of sharpshooters posted in rifle-pits and in the woods. As we turned the point the bullets began to fly over us very thickly. We opened on the riflemen with small arms, in the hands of our sick and disabled officers and men, who, too feeble to work the heavy guns, still zealously used their little strength to annoy the enemy by a return fire of musketry. Our two 24-pounder howitzers were worked rapidly and efficiently, throwing shrapnel into the enemy's troops, which were seen to burst with good range and effect. I proceeded under this fire and the cross fire of the batteries till beyond range, when I rounded to and anchored at 8.10 p. m.

On passing Vicksburg could see nothing distinctly of the ram, though I received a fire, as from a battery, at or near the level with the water. A shell from this battery passed horizontally through this vessel, tearing the metallic boat, cutting bulwarks on port side, starting wood ends and bolts on deck, and finally bursting in the starboard spirketing, tearing waterways, covering-board, futtock ends and timbers, and breaking boat davit on starboard side. Several grape and other shots passed through the ship, and one heavy shot struck under port bow—a plunging, grazing shot from the hill forts.

I have to report, and thankfully so, but two casualties—two men wounded, as per surgeon's report. My officers and men behaved well and bravely.

* * * * *

Very respectfully, your obedient servant,

R. B. LOWRY,

Lieutenant, Commanding Sciota.

Flag-Officer D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES GUNBOAT WINONA,

Below Vicksburg, July 16, 1862.

SIR: I have the honor to report that this vessel got under way last evening, and passed, in company with the rest of your fleet, from the anchorage above Vicksburg to that below. All the vessels were subjected to a heavy fire from the numerous batteries, as also to a heavy fire of musketry. We were enabled to fire our 11-inch gun but three times, owing to having received a shot on our port side, which started a heavy leak. Started our deck-pumps immediately, but finding the water gaining, ran in and pivoted the 11-inch gun to starboard to raise the leak out of water; water still gaining, pivoted rifle gun to starboard; shifted port howitzer over, and shifted shot and shell to starboard. My orders being to anchor at the old anchorage below Vicksburg, I ran down to the lower end of the island and rounded to, with the intention of anchoring, but finding the leak still gaining fast on the pumps, the water up to the top of the ash-pit doors, and being ignorant of the position and nature of the damage causing the leak, I deemed it the safest plan to run the vessel on shore, which was done at the foot of the island, her bow in eight and stern in eleven feet water. Upon examination, we found that a shot had entered, just above water-line, and close to opening of outboard delivery, breaking valve and cast-iron valve-chest. I enclose herewith report of Mr. Purdy, senior engineer in charge. Our other shot struck the spirketing in wake of long port, but did not penetrate. One shell burst among the crew of 11-inch gun, killing one man and very slightly wounding two others. The fragments of this shell tore up the deck waterways, hatch-combings, and gun-carriage, but the injuries are not serious. In the engagement with the iron-clad gunboat our side was perforated in several places by fragments of a shell which exploded near the vessel, wounding two men.

I cannot speak too highly of the conduct of all on board. I enclose here-

with reports of Assistant Surgeon Matthewson, of the casualties of yesterday ; also report of ammunition expended.

Very respectfully, your obedient servant,

ED. T. NICHOLS, *Lieutenant Commanding.*

Flag-Officer D. G. FARRAGUT,

Commanding Western Division Gulf Blockading Squadron.

UNITED STATES GUNBOAT WINONA,

Below Vicksburg, Miss., July 16, 1862.

SIR: I most respectfully make the following report of the damages sustained by the engineer's department of this vessel in passing the city of Vicksburg, July 15, 1862, viz: Outboard delivery valve-chamber shot away and shattered in an irreparable manner, thereby rendering the engines useless until the said valve-chamber is replaced; oil-tank destroyed.

Very respectfully,

JOHN PURDY,

Second Assistant Engineer, United States Navy.

Lieutenant Commanding E. T. NICHOLS.

UNITED STATES GUNBOAT WINONA,

Near Vicksburg, July 15, 1862.

SIR: I respectfully report that in the engagement of this morning with the rebel iron-clad gunboat Arkansas, the following men were wounded on board this vessel: John Jones, captain after-guard, struck by splinter over left malar bone, which contused the soft parts, but produced no fracture; William Malley, landsman, struck by a splinter, which produced a contused wound over left scapula, not serious in its nature.

Very respectfully, your obedient servant,

ARTHUR MATTHEWSON,

Assistant Surgeon, United States Navy.

EDWARD T. NICHOLS, *Lieutenant Commanding.*

UNITED STATES GUNBOAT WINONA,

Near Vicksburg, July 16, 1862.

SIR: I respectfully report that, in the engagement of last night with the batteries at Vicksburg, John H. Harway, landsman, was killed instantly by the explosion of a shell from the enemy's batteries. No others of the ship's company were injured beyond the extent of slight bruises and scratches.

Very respectfully, your obedient servant,

ARTHUR MATHEWSON,

Assistant Surgeon, United States Navy.

EDWARD T. NICHOLS, *Lieutenant Commanding.*

Commodore W. D. Porter's report of reconnoissance, with account of engagement of the Anglo-American, on the 28th of August, at Port Hudson, La.

UNITED STATES GUNBOAT ESSEX,

Off New Orleans, September 9, 1862.

SIR: I have the honor to report that, on the 23d ultimo, having remained off the city of Baton Rouge two days after its evacuation by our troops, I pro-

ceeded up the river to reconnoitre reported batteries in progress at Port Hudson, Louisiana, and also coal my vessel at Bayou Sara, the only place I could obtain any, save New Orleans. Arriving there, I found the town entirely deserted, and the coal burning. Sending a boat's crew on shore, they were fired at by guerillas from the houses in heavy force. My men drove them out, and burnt the buildings in the lower part of the town to prevent such being used to protect the enemy. These guerillas had a few days previously fired at and wounded several of the crew of the United States gunboat Sumter. On the 24th I was necessitated to send the wooden gunboat Anglo-American, which I had fitted out and armed, to New Orleans for coal, and I again dropped down the river and awaited her return off Port Hudson. I could discover no guns at this place, but earthworks were in progress, and whilst destroying these I had the misfortune to burst my heavy 10-inch gun. The Anglo-American not arriving, I returned to Bayou Sara, where we were again fired at from buildings left, on which I ordered those remaining to be destroyed.

The Anglo-American joined me on the 29th, and reported three batteries as having opened on her whilst passing Port Hudson. She received seventy-three shots in her *en passant*. I had received intimation that the rebel gunboat Webb was at Natchez, to which city she had convoyed transports with supplies from Red river. I followed to that city, but found they had sought the protection of the Vicksburg guns. At Natchez a boat's crew from the Essex were sent on shore to procure some ice for my sick, when they were wantonly attacked by over two hundred armed citizens, wounding the officer in command, and killing one and wounding five seamen. I immediately opened fire on the lower town, and set a considerable number of the houses from whence they were firing on us on fire. After bombarding the place for an hour, the mayor unconditionally surrendered the city.

I followed the rebel gunboat Webb to the batteries at Vicksburg, under the guns of which she, with two transports, lay. Heavy ordnance batteries, extending three miles further down the river than during the siege in July, prevented my nearer approach to these boats. Having exchanged some shots, and ascertained that the upper fleet was not in the vicinity of the town, being short of provisions, my battery weakened by the loss of two guns burst, and also short of ammunition, I determined to steam down the river to New Orleans for supplies, and, if possible, ascertain the strength of Port Hudson batteries. On the 7th instant, at 4.15 a. m., we were off that place, and, on coming within range, the enemy opened on us a vigorous fire with heavy siege guns. The Essex was struck with heavy shot fourteen times. As nearly as I can judge, the enemy had in position from thirty-five to forty guns of 10-inch, 9-inch, and 8-inch calibre, in three batteries commanding the river to the extent of five miles. A 68-pound, 32-pound, and also a 10-inch shot, lodged in the Essex, but without material damage. We were under fire an hour and three-quarters, during which time the guns were worked well and incessantly, and I have reason to believe the enemy was considerably damaged. Mr. J. Harry Wyatt, acting fourth master, and my secretary, had command of the forward battery, and his conduct met my entire approbation.

A land force will be necessary to complete the destruction of this fort, which, if allowed to again be restored, would seriously interrupt the free navigation of the Lower Mississippi

Very respectfully, your obedient servant,

W. D. PORTER,
Commodore, United States Navy.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

P. S.—In the various encounters I have had since leaving St. Louis on the last cruise, (July 6,) the Essex has been struck by heavy shot perceptibly one

hundred and twenty-eight times—glancing shot have left no record; three have broken the iron, and but one through, and that at a distance of a few feet from the battery delivering it.

W. D. P.

UNITED STATES GUNBOAT ANGLO-AMERICAN,
Off Bayou Sara, Louisiana, August 29, 1862.

SIR: In pursuance of your order, I proceeded down stream on the 24th instant for New Orleans, arriving there on the morning of the 25th. We loaded up with coal, and left that city at 3.15 p. m. on Thursday, the 28th instant. Nothing of importance occurred until I approached Port Hudson. I noticed earthworks had been thrown up on the bluffs as well as the water-line, but no guns being in sight, I kept on for about a mile, when another line of earthworks was discovered, as well as indications of rifle-pits. I immediately ordered my rifle 50-pounder to be fired. At this moment the enemy opened on the boat. My rifle gun unfortunately could not be used, as the cartridge had been made wet by a just passed heavy rain. Our howitzer was useless, as no ammunition could be obtained for it at New Orleans. We were now just abreast of the last-mentioned earthworks, the enemy's guns playing on us with great rapidity. I could see two 32-pounder cannon and eighteen field-pieces, 6 and 12 pounders. The fire was so heavy on my frail wooden boat, that had it not been a matter of urgent necessity to reach you, I should have dropped back, as I had no protection for the machinery, and the fire was so heavy that the firemen were driven from their post. I determined, from the importance of the case, to push on and rejoin you, if possible. I am happy to report we succeeded.

The following casualties occurred: Mr. Parker, pilot, severely wounded in the back from a bursting shell, and James Banes, seaman, slightly wounded by splinter over the eye. We received seventy-three shots—fifteen heavy shots, the balance 12-pounder and grape. One 32-pounder struck the upright brace of the walking beam, breaking it in two.

It is with pleasure I here state the gallant conduct of Mr. H. Glasford, executive officer, and Mr. B. S. Williams, pilot, who never left their post of danger, and, by their energy and coolness, contributed to the saving of the boat. Mr. Miller, chief engineer, Mr. Parker, third master, and Mr. Jacobi, of the Essex, all did their duty nobly.

I have the honor to be, very respectfully, your obedient servant,

R. K. RILEY,

Commanding Gunboat Anglo-American.

Commander W. D. PORTER,

Commanding Naval Forces below Vicksburg.

Destruction of the ram Arkansas.

FLAG SHIP HARTFORD,
Baton Rouge, August 7, 1862.

SIR: It is one of the happiest moments of my life that I am enabled to inform the department of the destruction of the ram Arkansas; not because I held the iron-clad in such terror, but because the community did.

On the 4th instant I sent the Tennessee up to Baton Rouge with provisions for Commander Porter and the gunboats stationed at that place. On the night of the 5th she returned with the information that the enemy had made a combined attack upon Baton Rouge by the ram and two gunboats, the Webb and

Music, and calling for assistance. At daylight the Hartford was under way for this place, with orders for the other vessels to follow me as fast as ready.

I arrived here to-day at 12 m., in company with the Brooklyn, Westfield, Clifton, Jackson, and Sciota. I had sent the Cayuga up before me, agreeably to a request of General Butler, in consequence of the guerillas firing into some of his transports. On my arrival I was informed by Commander W. D. Porter that yesterday morning at 2 o'clock the enemy's forces, under General Breckinridge, attacked General Williams, drove in his pickets, &c. General Williams, having had ample warning, was all prepared for him. The fight was continued with great energy on both sides until 10 a. m., by which time the enemy had been driven back two or three miles; but, unfortunately, the gallant General Williams, while cheering on his men, received a Minie ball through his heart.

General Williams had informed Lieutenant Commanding Ransom the evening before of his plans, and requested him not to fire a gun until he notified him; and when he did so, our gunboats—the Kineo and Katahdin—opened with fine effect, throwing their shells directly in the midst of the enemy, producing great dismay and confusion among them. Lieutenant Ransom had an officer on the State-house, which overlooks the adjacent country, and could direct the fire of every shell.

As soon as the enemy was repulsed, Commander Porter, with the gunboats, went up stream after the ram Arkansas, which was lying about five miles above, apparently afraid to take her share in the conflict, according to the preconcerted plan. As he came within gunshot he opened on her, and probably soon disabled some of her machinery or steering apparatus, for she became unmanageable, continuing, however, to fire her guns at the Essex.

Commander Porter says he took advantage of her presenting a weak point towards him, and loaded with incendiary shells. After his first discharge of this projectile, a gush of fire came out of her side, and from that moment it was discovered that she was on fire, which he continued his exertions to prevent from being extinguished. They backed her ashore and made a line fast, which soon burnt, and she swung off into the river, where she continued to burn until she blew up with a tremendous explosion, thus ending the career of the last iron-clad ram of the Mississippi. There were many persons on the banks of the river witnessing the fight, in which they anticipated a triumph for Secessia; but on the return of the Essex not a soul was to be seen.

I will leave a sufficient force of gunboats here to support the army, and will return to-morrow to New Orleans, and depart immediately for Ship island, with a light heart that I have left no bugbear to torment the communities of the Mississippi in my absence.

Very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Commanding Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

ON GUNBOAT ESSEX,

Off Baton Rouge, August 6, 1862.

SIR: This morning, at 8 o'clock, I steamed up the river, and at 10 o'clock attacked the rebel ram Arkansas, and blew her up. There is not now a fragment of her left.

Very respectfully, your obedient servant,

W. D. PORTER,

Com'ding Division of Flotilla in Western Waters.

Rear Admiral D. G. FARRAGUT.

UNITED STATES GUNBOAT KINEO,
Off Baton Rouge, Louisiana, August 6, 1862.

SIR: I have to report that a vigorous attack was made upon our forces at this place yesterday morning, at about 5 o'clock, by a strong rebel force, said to be commanded by General Breckinridge.

The Kineo and Katahdin were placed immediately in a position, previously indicated to me by General Williams, to protect his right flank; but his lines were so much extended, and so completely covered the enemy's approach, that our guns could not be made available with safety to our troops at any time during the morning. In the afternoon, however, we were notified of such changes in the relative positions of the two forces that we were enabled to open (with tremendous effect, we are informed) upon the enemy's left wing, which caused him to withdraw in much haste, and to fall back several miles.

Early in the morning, soon after the attack had been commenced, the smoke of a steamer, supposed, from information received the previous evening, to be the ram Arkansas, was observed moving rapidly down the river towards the bend just above this place. It stopped about a mile above the bend, and remained there, sometimes apparently moving up a little, then down again, during the day and night.

Late in the afternoon she was joined, apparently, by two other steamers, (judging by smoke,) which separated from her this morning, moving up the river. The Essex, accompanied by the Cayuga and Sumter, then moved up towards the bend; finally a general signal was made by the former, agreeably to which the Kineo and Katahdin followed. Upon drawing near to the bend, however, some lines of white smoke having been observed in the rear of the city, it was deemed advisable for the two latter to return to their station for the protection of the troops.

By this time it had been discovered that the Arkansas was on fire. Subsequently it had been ascertained, I believe, that she had suddenly become helpless there by some failure of her engines; and seeing our approach, so formidable to her in her crippled condition, doubtless they set her on fire and abandoned her. About 1 o'clock her magazine exploded, and the ram Arkansas was *extinct*.

I have the honor to be, sir, very respectfully, your obedient servant,
GEO. M. RANSOM, *Lieutenant Commanding.*

Flag-Officer D. G. FARRAGUT,
Commanding Western Gulf Blockading Squadron.

UNITED STATES GUNBOAT KATAHDIN,
Off Baton Rouge, Louisiana, August 6, 1862.

SIR: The anticipated attack of the enemy on this place, of which I made mention in my letter of the 4th instant, took place on the morning of the 5th. In consequence of the line of our troops being so extended, the Katahdin could render no assistance to the place until afternoon.

During yesterday afternoon the Kineo and Katahdin shelled the enemy, firing clean over the town into his very camps. This we were enabled to do by means of a system of signals established by Lieutenant Commanding Ransom, on the tower of the State-house, which corrected our aim. Our shells did fine execution, and drove the enemy from his position and determined him to a retreat, he having been repulsed by our troops under General Williams in the earlier part of the day.

The only way we can operate is by firing at extreme elevation, clean over the town of Baton Rouge.

This morning Commander Porter, in the *Essex*, accompanied by the *Cayuga* and *Sumter*, started up to attack the *Arkansas*. The *Katahdin* and *Kineo* remained at their stations, near the State-house, but were subsequently signalled to follow up and close in with the other vessels; but when nearly up with the enemy, appearances indicated an attack on the town, and we were again ordered back to our stations. In the mean time the *Essex* engaged the *Arkansas* for about an hour, when the latter was fired, deserted, and at 1 p. m. blew up, with a terrific explosion.

For some unexplained reason, the two consorts of the *Arkansas* left early in the morning, and advantage was taken of their absence to engage the ram.

We have thus had a bloodless victory; but the timely arrival of the *Cayuga* and our approach in force no doubt had a good moral effect, as the ram was badly managed and made a poor fight.

The enemy are still hovering in the rear of this place. Information is received that, besides the 6,000 troops already in this vicinity, 4,000 are approaching from Manchac, and others from Vicksburg. I keep in constant communication with the commander-in-chief of the troops here, ready to open fire when and where he may desire.

I am, sir, very respectfully, your obedient servant,

F. A. ROE,
Lieutenant Commanding.

Flag-Officer D. G. FARRAGUT,

Comd'g Western Gulf Blockading Squadron, New Orleans, La.

UNITED STATES GUNBOAT ESSEX,
Off Baton Rouge, August 6, 1862

SIR: On the evening of the 4th instant I was informed by General Williams that the rebels, in considerable force, under General Breckinridge, were moving on this place. The rebel ram *Arkansas*, with two gunboats, the *Webb* and *Music*, were also in the vicinity of the city to support the attack of the rebel army. I made such a disposition of the naval force under my command as I thought would give the most aid to our small force on shore.

On the morning of the 5th instant, at 1 o'clock, the enemy made an attack on our land forces and drove in the left wing of our army, killing General Williams. Our men retreating, I opened fire with shot and shell over them on the advancing enemy, and turned them back.

It was the intention of the enemy to make a simultaneous attack by land and water; but the fire from the *Essex* and other gunboats driving the enemy back, evidently disconcerted their plans.

Though not making her appearance, I had information of the vicinity of the ram *Arkansas*; and this morning I determined to steam up the river and attack her, and, if possible, prevent her rendering further assistance to the land forces she was co-operating with. At 10 a. m. I came in sight of her, at about the distance of half a mile, and immediately opened fire. After an action of about twenty minutes I succeeded in setting fire to her, and at meridian she blew up with a tremendous explosion.

The *Arkansas* had a crew of 180, and mounted ten guns, (six 8-inch and four 50-pound rifles.) This vessel, the *Essex*, mounts seven guns, and had only forty men on duty at the time of our going into action. My first master, R. K.

Riley, was in sick hospital, and his place was supplied by Second Master David Porter Rosenmiller, who conducted himself to my entire satisfaction.

I have the honor to be, very respectfully, your obedient servant,

W. D. PORTER,

Commanding Division of Flotilla in Western Waters.

Hon. GIDEON WELLES,

Secretary of the Navy.

Flag-Officer Farragut gives rebel reports of the Arkansas.

FLAG-SHIP HARTFORD,

New Orleans, August 10, 1862.

SIR: Since forwarding the reports of Lieutenants Fairfax, Ransom, and Roe, we have picked up a number of prisoners from the ram Arkansas, all of whom I have catechised very closely. They agree very well respecting her exit from the Yazoo, and her passing the fleets; they also agree as to the number of killed and wounded on each of these occasions, making in all eighteen killed and a large number of wounded. At Vicksburg they plated the deck with iron, and fortified her with cotton inside. She then came down in command of Lieutenant H. K. Stevens, (Brown having been taken sick at Vicksburg,) with the intention of making a combined attack with General Breckinridge upon Baton Rouge; but her port engine broke down. They repaired it in the course of the day, and went out to meet the Essex the next morning, when they saw her coming up; but the starboard engine gave way, and they ran her ashore, she being perfectly unmanageable.

They say that when the gunboats were seen coming up, and the Essex commenced firing, the captain set the ram on fire and told the crew to run ashore. They also state that the gunboats Webb and Music were sent for to tow her up the river, but they did not arrive, and neither of them had been seen. This is the statement; all of which is respectfully submitted by your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Commanding Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Flag-Officer Farragut reports bombardment of the town of Donaldsonville.

UNITED STATES FLAG-SHIP HARTFORD,

New Orleans, August 10, 1862.

SIR: I regret to inform the department that at the town of Donaldsonville, on the Mississippi, they have pursued a uniform practice of firing upon our steamers passing up and down the river. I sent a message to the inhabitants that if they did not discontinue this practice I would destroy their town. The last time I passed up to Baton Rouge to the support of the army, I anchored about six miles above Donaldsonville, and heard them firing upon the vessels coming up, first upon the Sallie Robinson and next upon the Brooklyn. In the latter case they made a mistake, and it was so quickly returned that they ran away.

The next night they fired again, upon the St. Charles. I therefore ordered them to send their women and children out of town, as I certainly intended to

destroy it on my way down the river; and I fulfilled my promise to a certain extent.

I burnt down the hotels and wharf buildings, also the dwelling-house and other buildings of a Mr. Philippe Landry, who is said to be a captain of guerillas. He fired upon our men, but they chased him off. We also brought off some ten or twelve of his negroes, and supplied ourselves with cattle and sheep from his place.

Very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Commanding Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Engagement between the ram Arkansas and the Essex and Colonel Ellet's ram, on the 15th July, 1862.

FLAG-SHIP HARTFORD,

New Orleans, July 29, 1862.

SIR: I am happy to inform the department that I arrived here yesterday about noon, with the ships Brooklyn, Richmond, and Hartford, and gunboats Pinola and Kennebec, the other gunboats, excepting the Katahdin and Kineo, left at Baton Rouge for the protection of the troops, having preceded me.

On the 20th instant I received the order of the department to drop the ships down the river, and not to risk them before the batteries more than possible. The river had fallen very much, and my anxiety was great that I should not be able to get the large ships down. Unfortunately, the iron-clad ram Arkansas came down on the 15th, before I received your order, and her commander being satisfied by the reception we gave her that she was not shot-proof, kept her close in under the forts, which are mounted with 8 and 10 inch columbiads and 50-pounder rifles. Still, Flag-Officer Davis was determined that as Commander W. D. Porter thought his vessel, the Essex, was shot-proof, he would make an attack on the ram and drive her down to us or destroy her. He had also determined to let the Sumter run at her, and to let Colonel Ellet also attack her with one of his rams. The ram lay between the two forts, at the upper bend of the river, about four miles above the fleet.

It was stipulated that I was not to pass up the river, but be ready to receive her if she attempted to come down. Unfortunately, the attack was a failure. The Essex ran at the ram, but being so clumsy, they let the bow of the ram swing off from the shore so that the Essex ran fast aground; but she delivered her three 9-inch guns into the ram at not more than ten or twelve feet, and those who saw the ram afterwards say she had a large hole knocked into her. Colonel Ellet's ram also ran at the iron-clad, but the fire from the forts and ram so damaged her that it was with difficulty she got back to her anchorage, and it was only remarkable that she was not destroyed. We do not know that she damaged the ram. The Sumter, from some misunderstanding, did not go in.

This was a daring act on the part of Colonel Ellet, and one from which both Flag-Officer Davis and myself tried to deter him.

The Essex, after she got afloat, ran down to our fleet through a storm of shot and shell; and strange to say, not a shot struck her after she left the upper forts. She was only penetrated by three projectiles from the ram and forts, viz: one 9-inch and one 50-pound rifle solid shot, and one 50-pound conical shell. The last went through the casemates about six feet from the forward corner, and exploded inside, killing one man and wounding three, which was nearly all the

damage done the crew. The 9-inch solid shot penetrated the forward casemate nearly amidship, passed through the iron, but did not go through the wood. The 50-pounder rifle passed through the port quarter and lodged in the ward-room, doing no harm; but, of course, each of these shots started the wood and iron considerably, and other shot in the same vicinity would have done much damage.

I waited a day or two for General Williams to make his preparations for leaving, as he had determined to do so, not having well men enough to take care of the sick ones. When all was ready I settled with Flag-Officer Davis that Commander W. D. Porter was to take charge of the lower part of the river, with the Essex and Sumter. I do not, however, consider this force sufficient, for there are two gunboats in the Red river and two in the Yazoo. I presume Flag-Officer Davis will destroy those in the Yazoo, and my gunboats chased the Music and Webb up the Red river, but drew too much water to go far.

Very respectfully, your obedient servant,

D. G. FARRAGUT,

Flag-Officer, Commanding Western Gulf Blockading Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Engagement of the mortar schooners with the ram Arkansas, on the 22d July, 1862.

UNITED STATES STEAMER WESTFIELD,

New Orleans, July 28, 1862.

SIR: On the 21st instant Flag-Officer Farragut directed me to place the mortar schooners in a position to open fire on the batteries at Vicksburg, instructing me at the same time not to commence the attack until the firing began from the upper batteries upon the steamers of Flag-Officer Davis's fleet, which I understood were coming down to engage them, while the iron-clad steamer Essex, Commander W. D. Porter, would endeavor to destroy the ram Arkansas.

The mortar schooners were placed in the position they occupied during the former bombardment on the west bank of the river, from 3,700 to 4,000 yards from the lower batteries. At 5 a. m. on the 22d they opened fire, and continued throwing shells until the Essex had passed.

The ships of Flag-Officer Farragut not having taken positions to engage the batteries, I remained in the vicinity of the mortar schooners with the Westfield ready to assist them should it be necessary.

At 5.45 I made signal to retire from action, and the schooners dropped down to their former position.

On this, as upon all other occasions, when the mortars have been engaged, their fire was rapid and accurate, but the results were different, owing, I presume, to so few of them being engaged at a time when the enemy was putting forth his utmost energy to destroy the gallant Essex.

Respectfully, your obedient servant,

W. B. RENSHAW,

*Commanding Division of Mortar Flotilla, operating with
Western Gulf Blockading Squadron.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Commander W. B. Renshaw's report of operations of mortar flotilla previous to and during the bombardment on the 15th of July, 1862.

UNITED STATES STEAMER WESTFIELD,

Mississippi River, July 23, 1862.

SIR: I have the honor to submit the following report of the operations of the division of the mortar flotilla I have the honor to command, previous to and during the bombardment of the 15th instant.

About 7 a. m. constant firing was heard in the direction of the combined fleets of Flag-Officers Farragut and Davis, anchored a few miles above Vicksburg, and shortly after intelligence was received that the rebel iron-clad ram Arkansas was endeavoring to and would probably succeed in passing the fleet. Signal was immediately made from this steamer to the mortar schooners to prepare to get under way. At 8 a. m. the ram was discovered coming slowly around the point, when I made signal to the schooners to get under way immediately, slipping the cable of this steamer at the same time to give them assistance should they require it.

The schooner Sidney C. Jones, Acting Master Jack, (which had been ashore since a few days after the fleet passed the batteries, and by the receding river left with but a few feet of water under her,) was lying in a defenceless position, rendering it proper that immediate preparations should be made to destroy her should the ram continue on her course down the river. I was about making signal to Acting Master Jack to be ready to blow her up, when he made signal, "Shall I destroy?" At this time the ram was observed going alongside of the bank at Vicksburg, and the necessity for immediate action having ceased, I answered the signal by directing him to "get ready."

After the schooners had successfully dropped down some distance below the Brooklyn, under the cover of whose guns they could alone be protected, I steamed up the river for the purpose of giving specific directions to Acting Master Jack, and to reconnoitre the ram. Upon the way I met General Williams and staff, riding along the bank, and, hailing him, requested to know if he intended embarking his command. Being answered in the negative, I requested him to allow one of his artillery officers to go on board the stranded schooner, and make such a distribution of her powder as to insure her mortar being blown into deep water, (a distance of only a few feet,) should it become necessary to fire her. The request was cheerfully complied with, and, passing, I soon reached, and hailing the schooner at a distance of not more than twenty-five yards—easy conversing distance—directed Acting Master Jack to make preparations to blow her up, and that an artillery officer would come on board to instruct him in relation to the manner the powder should be placed to insure the mortar being blown into deep water; but that he *must not blow her up* until he received orders from me, or the ram was *actually coming down upon him*.

These instructions were clearly understood by him at the time, and, feeling assured they would be strictly complied with, I proceeded a short distance further up the river to examine the condition of the ram. Satisfying myself that she was seriously injured by her conflict with the fleet, I fired two rifle shots at her, and ran down the river to communicate with Captain Bell and inform him of the result of my observations, and upon communicating with him, received an order from Flag-Officer Farragut, directing me to bring the mortars to bear upon the batteries *immediately*, as he was coming down with the fleet to attack them and endeavor to destroy the ram.

All the steamers of the flotilla, with the exception of the Westfield, being absent, towing the twelve schooners accompanying Captain Porter down the river, I applied to Captain Bell to order the United States steamer Kensington

to assist me in getting the mortar schooners into position, and, in reply, was informed that the army transport Laurel Hill would tow up two of them.

This was all the assistance I required to promptly execute the order I had received; and to carry it out, I despatched Lieutenant Commanding K. R. Breese, in his boat, to superintend the placing of the schooners, and at the same time to look after the S. C. Jones, and be ready to give proper directions should the ram unexpectedly move. He had, however, scarcely left to perform this duty when, to my surprise and great regret, the S. C. Jones was blown up, without any movement of the ram occurring to justify it.

Three schooners were then taken in tow by this steamer and placed in position on the west side of the river, a little below where they were stationed during the previous bombardment, the batteries on the Vicksburg side opening fire briskly at the same time.

The Laurel Hill not having started with her tow, I was obliged to return down the river to ascertain the cause of the delay, and was informed by her captain that he "had parted his hawser, and, consequently, could not tow." In fifteen minutes afterwards we were under way, with the two remaining schooners, and at 3.30 p. m. I had the satisfaction of seeing all the mortars in position.

The first three schooners—the John Griffith, Acting Master Henry Brown commanding; the Henry Janes, Acting Master James W. Pennington commanding; and the Oliver H. Lee, Acting Master Washington Godfrey commanding—had already, at 1.30 p. m., opened fire from their mortars, and at the time we arrived with the Orvetta, Acting Master F. E. Blanchard commanding, and the Sarah Bruen, Acting Master A. Christian commanding, were also firing with their broadside guns, assisted by a field battery of General Williams's command, at a large body of riflemen on the opposite shore who were annoying them by their fire, which immediately ceased upon our casting off our tow and throwing some 8-inch grape among them. The estimated distance of the schooner *furthest up* the river from the batteries was 3,700 yards, and of the one furthest down, 4,000 yards.

The mortars being in position and firing with effect upon the batteries, I remained under way in their vicinity to render them all the assistance my frail steamer could afford, should they require it, until hailed by the Brooklyn, at 7.15 p. m., informing me that the fleet was getting under way, when I made signal to the mortars to fire rapidly, and ran over to the eastern shore of the river, and took up the same position I occupied during the bombardment on the morning of the 28th of June, enfilading the water battery in front of the brick hospital, and remained there until the fleet had passed the batteries, and all firing, except from the mortars, had ceased. The signal to "cease firing and retire" was then made to the schooners, at 8.30 p. m.

The firing from the mortars was rapid and accurate, the shells frequently falling apparently within the batteries, and causing for a time a less regular fire from them, which, from some unknown cause, was far less vigorous from the lower batteries than on the occasion of the previous bombardment.

To the report of Lieutenant Commanding Breese, commanding the 2d division of mortar schooners, I have the honor to refer you for particulars of the mortar practice and conduct of their officers and men. The services of this officer, I am aware, have already been brought to your notice by the very able and gallant commander of the flotilla, Captain Porter; and I have only to add the expression of my very high appreciation of his official ability and gallantry, and my thanks for his zealous assistance during this anxious day—anxious from the fact that from the hour of half-past one until nearly eight in the evening the mortar schooners were lying in position, comparatively unprotected, within two and a half miles of this ram, which had successfully run the blockade of

our fleets, not knowing at what moment her repairs might be completed and she again ready for action.

The Westfield was struck twice during this bombardment, without materially injuring her; once by a rifle shot on her connecting rod, which was probably saved by the engine being in motion, and once by the fragments of a shell.

Since the Westfield has been in commission she has been engaged in three regular bombardments, and at other times frequently under the fire of the enemy's batteries, performing the duties assigned her in connexion with the mortar flotilla; and it is a duty I embrace with pleasure, in thus making my first official report to the department, to express my appreciation of the conduct of her officers and men.

The executive officer, Acting Master C. W. Zimmerman, though but a youth of nineteen years, has proved himself, by his professional knowledge and fine bearing under fire, worthy of receiving a lieutenant's commission. I can also with confidence recommend Acting Master L. D. Smalley for a permanent position in the navy, should the department contemplate retaining any of the volunteer appointments. He has performed the duties of master since leaving the United States, and in that capacity directed, under my supervision, the steering of the ship, whenever she has been under fire, with coolness and judgment.

Acting Masters Vassallo, Trullio, and Warren have been attentive to their duties, and courageously fought the guns at which they were stationed, while the supply of powder and projectiles from the powder division was evidence that Acting Master's Mates Arnett and Harvey were equally worthy of praise.

The engineer in charge, Mr. William R. Greene, with his assistants, Messrs. George S. Baker and Charles Smith, have been untiring in their exertions to keep the engine in repair, and have exercised so much judgment and care that since leaving the United States there has never been a day that the machinery has not been in perfect working order.

Acting Assistant Surgeon E. H. Allis and Acting Assistant Paymaster C. C. Walden are also worthy of commendation; the former for kind and unremitting attention to the sick, and the latter for faithful attention to duty, and for volunteering to take charge of our 9-inch gun during the last bombardment, (two of the acting masters being ill with the fever,) and fighting it with courage and ability.

Mr. Dudley S. Griffith, captain's clerk, has been of great service to me in carrying my orders in time of action. He is a youth of much intelligence and cool courage.

Respectfully, your obedient servant,

W. B. RENSHAW,

*Comd'g Division of Mortar Flotilla, operating with the
Western Gulf Blockading Squadron.*

HON. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES BARKANTINE HORACE BEALS,

Below Vicksburg, Mississippi, July 18, 1862.

SIR: I have the honor to submit the following report of the part taken in the bombardment of Vicksburg by the mortar vessels, second division mortar flotilla, on the 15th July.

The position of the six vessels at this time was just out of gunshot of the enemy, on the right bank of the river, and about a mile above the Brooklyn, with the exception of the mortar schooner S. C. Jones, lying aground about a mile above us and on the same side.

Firing had been heard some time up the river, when an officer came to the river bank and stated that the rebel ram Arkansas was attempting to run through the fleet, and that she would probably succeed. Word was immediately passed to the division to heave short, and your signal to prepare to get under way was soon followed by the signal to get under way, the ram having hove in sight, and appearing to be standing for us.

The division slowly dropped by the tide about a mile and a half from former position, hauling close in to the bank. Here all preparations were made to do our best with the ram should she come down. About 10 a. m. you ordered the division to be ready to be taken up into position, and that I had better go ahead and select the place for them, which I did, at the same time to see what could be done with the S. C. Jones. On leaving your vessel the Jones was discovered to be on fire, and shortly after blew up.

About 1.30 p. m. the John Griffiths, Orvetta, and Henry Janes reached their position, towed by your vessel, and at 1.40 they opened fire on the enemy's batteries. The Sarah Bruen and O. H. Lee were to have been towed by the Laurel Hill, but they were abandoned after a single attempt, and only got into position by your vessel. As you are aware that the enemy's shot flew quite thickly about the vessels while being placed in position, it will not be necessary for me to say anything further, except that at different times we were opened upon from the rifled gun of the enemy, and also from sharpshooters placed in the woods on the opposite bank.

The broadside guns, throwing 10-second shell, responded to this latter; but I think their being silenced before mischief was done is owing to the splendid shooting of Captain Hine's battery, placed in battery abreast and partly astern of the division. This battery most effectually silenced the enemy's fire.

The firing from the mortars was continuous from the time of taking up position to that of the order to drop down the river, with the exception of about an hour during a rain squall. The firing was once in about seven to ten minutes from each vessel until we heard the guns from our fleet coming down, when fire was opened as rapidly as possible, and kept up until all the fleet had passed us, when you made signal to retire.

During this time the John Griffiths threw 62 shells, the Orvetta 30 shells, the Henry Janes 60 shells, O. H. Lee 49 shells, and Sarah Bruen 32 shells. The John Griffiths fired, just prior to and on the passage of the fleet by the forts, upon the lower water batteries; the other vessels altogether upon the hill batteries.

After the enemy's lower battery was silenced by Captain Hine's battery of light artillery not a missile was sent in our direction. The general direction and bursting of shell was very good, but after having so often witnessed the effect of nineteen and twenty mortars, it almost appeared useless to use so few, and I am convinced that a less number are hardly efficient for such purposes.

The vessels, mortars, and their appurtenances, stood the shock with about the usual amount of damage.

Respectfully, your obedient servant,

K. R. BREESE,

Lieutenant, Commanding Second Division Mortar Flotilla.

Commander WILLIAM B. RENSHAW,

Commanding Gulf Division Mortar Flotilla.

Rear Admiral Farragut reports the possession by the Union forces of Galveston, Corpus Christi, and Sabine City, and the adjacent waters; also the death of Lieutenant Swasey, capture and release of Lieutenant Kittredge, and capture of several prizes and many cattle.

FLAG-SHIP HARTFORD,
Pensacola Bay, October 15, 1862.

SIR: I am happy to inform you that Galveston, Corpus Christi, and Sabine City, and the adjacent waters, are now in our possession.

A short time since I sent down the coast of Texas acting volunteer Lieutenant J. W. Kittredge, with the bark Arthur, the little steamer Sachem, and a launch, with which force he said he could take Corpus Christi and the waters adjacent, from whence we heard of so many small craft running to Havana. He succeeded very well; took the places, made several captures, and compelled the enemy to burn several of their vessels; but, on one occasion, venturing on shore with his small boat, he was surrounded and taken prisoner, and carried to Houston, where they paroled him on condition that he should go north, and not serve until regularly exchanged. He returned here in the Arthur, and I shall send him north in the Rhode Island. I next sent the Kensington, Acting Master F. Crocker, commanding, with the Rachel Seaman and a launch, with a howitzer, to Sabine Pass. He, too, succeeded well. He found at the bar one of the mortar schooners—the Henry Janes, Acting Master Lewis Pennington, commanding—whom he invited to take part with him, which he did, and, according to Acting Master Crocker's report, performed his duty with great credit, as will be seen by the report herewith enclosed. They took the fort, and are still going ahead finely, having taken several prizes, one of which arrived here yesterday with despatches.

I next sent Commander W. B. Renshaw, with the gunboats Owasco, Harriet Lane, Clifton, and Westfield, to take Galveston, which he did in the shortest time, and without the loss of a man. It appears that the first shot from the Owasco exploded directly over the heads of the men at and around the *big gun*, (their main reliance,) and the enemy left. A flag of truce was hoisted, and the preliminaries arranged for a surrender, which took place on the 9th instant. The reports will give you all the particulars.

All we want, as I have told the department in my last despatches, is a few soldiers to hold the places, and we will soon have the whole coast. It is a much better mode and a more effectual blockade to have the vessels inside instead of outside. I need vessels of light draught for the small ports and inland lakes and waters, and a few heavy vessels (the largest not to exceed seventeen feet draught) for outside work.

I herewith enclose the reports of Commander W. B. Renshaw, Acting Master W. O. Lunt, of the Arthur, and of Acting Master Crocker. Corpus Christi and the adjacent waters are all still held by the Sachem and other small vessels.

I regret that the next exploit of our small vessels was not so bloodless as the preceding ones. I enclose you the report of Lieutenant Commander Ransom, by which you will perceive that they captured fifteen hundred head of cattle *en route* for the enemy, and succeeded, by great perseverance, in getting them down to New Orleans. In the attack on our transports, however, coming down the river, Lieutenant Charles Swasey and one or two seamen were killed.

Lieutenant Swasey was the executive officer of the Varuna when she was sunk in passing the forts on the Mississippi, and was afterwards transferred to the Sciota, where he lost his life. He was a young man of modest merit, and would, no doubt, have continued to *live* as he *died*—in the faithful discharge of his duties. I knew him but slightly, but feel assured that he deserved all that

his commander has said of him, and deeply deplore his death, although he died at the post of honor.

I have the honor to be, very respectfully, your obedient servant,

D. G. FARRAGUT,

Rear Admiral, Commanding Western Gulf Squadron.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES YACHT CERYPHEUS,
Off Corpus Christi, Texas, Tuesday, August 12, 1862.

SIR: I would respectfully report that at 12 m. this day removed the obstructions in Corpus Christi "dug-out." One of the rebel's armed vessels appearing in sight, got the yacht Cerypheus under way and ran through the cut, and gave chase. After rounding McGloin's Bluff gained sufficient upon her to get within range; opened fire upon her with the Parrott gun, when she stood for, and ran upon, the beach, and was fired and deserted by those on board. Boarded her, put the fire out, and hove her off. She proved to be the armed schooner Breaker, formerly a pilot-boat at Pass Cavallo. The armed schooner Elmer was fired and abandoned at the same time. Ran across the bay to Corpus Christi, when the sloop Hannah was also run ashore and fired upon our approach. The balance of the fleet came up at night.

Wednesday, August 13.—At 9 a. m. landed under white flag, and met Major Hobbie, in command of the confederate forces, and officers of his command, and Judge Gilpin, chief justice of the county. Demanded the evacuation of the place by the military, but consented to the inhabitants remaining, promising to respect their private property, but told them they must remove their women and children if they intended to make a stand. They asked for forty-eight hours for this purpose, which was granted.

Thursday and Friday, August 14 and 15.—Nothing occurred worth notice.

Saturday, August 16.—At early dawn the rebels fired upon us from behind the levee, where they had planted a battery. Their fire was immediately returned from gunboat Sachem and yacht Cerypheus with spirit. A shot passed through the mainsail (as it was furled) of the Cerypheus; another passed through the Sachem's side, a splinter injuring Master's Mate Granger; several other shots striking rigging of both vessels, one hulling the Cerypheus and passing through her magazine. It being quite calm, could not get into position with the schooner Reindeer and sloop Belle Italia, the two latter firing at long range. We succeeded in silencing their batteries, but upon our ceasing to fire (as there was nothing to fire at) they returned to their guns and again opened upon us. We silenced them several times during the day, driving them from their guns, they taking shelter behind the levee and in buildings sheltered by it. A desultory firing was thus kept up throughout the day; at night withdrew out of range.

Sunday, August 17.—Repaired mainsail. At 11½ p. m. the enemy set fire to the steamer A. B. She was aground in a narrow channel that leads to Nueces bay, near a point of land that runs down from Corpus Christi. I had made several efforts to haul her off without effect, so removed the steam-cap, throttle valve, and rolling shaft. She burned to the water's edge.

Confident of giving a good report of to-morrow's work, I remain, very respectfully, your obedient servant,

J. W. KITTREDGE,

Lieutenant, Commanding United States Bark Arthur.

Flag-Officer DAVID G. FARRAGUT,

Commanding Western Division, Gulf Squadron.

UNITED STATES YACHT CERYPHEUS,
Aransas Bay, Texas, August 20, 1862.

SIR: I have the honor to respectfully report that on Monday, August 18, 1862, off Corpus Christi, Texas, got under way and took position for attacking the enemy's battery. Landed the twelve-pounder howitzer with a party of thirty men, under command of Acting Master's Mate Alfred H. Reynolds, with a view of getting in position to rake the enemy's battery. Placed schooner Reindeer, Master's Mate William Barker in command, in position to support the shore party and pour shrapnell and canister from his 24-pounder howitzer into any force charging them.

Mr. Reynolds advanced to musket range, and opened upon the batteries with shell, the steam gunboat Sachem firing shell from her 32-pounders, and the yacht throwing shell with percussion plungers from her Parrott gun, both vessels delivering their fire with excellent effect. The Sachem advanced to within musket range.

At this time the enemy deployed to the right of our forces on land about 160 infantry, evidently with the intention of flanking them, but Mr. Barker, with the schooner Reindeer, stood in towards them, and opened fire upon them with shrapnell and canister, with such marked effect that, together with grape from the Sachem's 32's and the yacht's fire, their advance was checked, and they began to scatter. Up to this time Mr. Reynolds had maintained his ground boldly, firing his gun deliberately and with precision; but suddenly 250 to 300 cavalry charged down upon him, and for a moment their capture seemed imminent, but the yacht was immediately run down towards them, within short range, and the Sachem also, and the fire of both vessels directed at the cavalry. The schooner Reindeer poured canister into their ranks, and, after an advance of about four hundred yards from the battery, they wavered under the scathing storm of iron, and were repulsed with evidently considerable loss, many being seen to fall, and retreated to the shelter of the town.

I had omitted to state that the enemy's battery was silenced previous to their infantry and cavalry charge. Our land force was withdrawn (after their charge upon it and the repulse of the enemy) as they had expended all their ammunition. Our whole force was about one hundred efficient men, including officers. We had some eight or ten sick, who were put on board the captured schooner Breaker and anchored out of range. The enemy's force could not have been less than 250 infantry and artillery engaged, and 300 cavalry, and they had, doubtless, more troops in reserve.

Not possessing the means to hold the town against so large a force, and having observed that the cavalry emerged from the town and retreated to its shelter, I determined to shell them out of it, and threw from both the Sachem and yacht Cerypheus shell into such portions of the town as they seemed to occupy, driving them back to the plains. I then withdrew all the vessels and anchored for the night.

The casualties of this day's engagement, I am happy to say, are but one, John Allen, landsman, on schooner Reindeer, slightly wounded in the thigh by a musket ball.

The Sachem received four shots in hull and upper works, and several in rigging, smoke-stack, &c., having been the most prominent object of the enemy's fire. The yacht received two shots through her mainsail this day.

Considering that the enemy were behind a battery of earthwork, and completely sheltered, I consider we have escaped with trifling injury, and the moment we drew them from their cover they were made to bite the dust.

I cannot omit to mention the cool and determined manner in which Acting Master Amos Johnson, in command of the Sachem, fought his vessel while immediately under the enemy's fire, and the courage and zeal with which he

engaged the enemy. His conduct throughout was such as I can cheerfully recommend to your notice.

Mr. Barker's gallant support of the shore party, and his vigorous and rapid discharges of shrapnell and canister into the enemy's ranks, while exposed to a shower of musketry, mainly prevented the capture of the 12-pounder howitzer by an overwhelming force.

Mr. Bellows, master's mate of the *Arthur*, in charge of the *Cerypheus*, handled the vessel with judgment and promptness, frequently pointing and firing the gun with as much coolness as though he was practicing at a target. In short, both officers and men met my expectations and fought nobly.

I have expended the principal part of the ammunition and projectiles for the Parrott guns and for the thirty-twos, and shall require more before engaging in any active demonstrations.

The vessels (five in all) are now anchored in this bay, awaiting the steamer, and will remain here until the *Arthur's* return with coal and ammunition.

Hoping my efforts may meet with your approval, I remain, very respectfully, your obedient servant,

J. W. KITTREDGE,

Lieutenant, Commanding U. S. Bark Arthur.

Flag-Officer DAVID G. FARRAGUT,

Commanding Western Division Gulf Squadron.

UNITED STATES BARK ARTHUR,
Off Aransas, Texas, September 26, 1862.

SIR: I would respectfully report that, on Sunday morning, 14th instant, Lieutenant Commanding J. W. Kittredge and his gig's crew (seven men) were surprised and captured by the rebels at Flour Bluff, twelve miles from Corpus Christi. The yacht *Cerypheus*, schooner *Breaker*, and sloop *Belle Italia* left here for Corpus Christi, on the 11th instant, to communicate with Judge Davis's family, who are fifteen miles from the latter place. It being necessary to obtain permission from General Bee, at San Antonio, the interim was used by Lieutenant Kittredge in exploring the entrance to Laguna Madre. He was surprised by two companies of infantry, who had two pieces of artillery. The troops were shelled by the yacht and tenders, but their efforts were unavailing. The gig was also captured. They were taken to Corpus Christi, and the fleet returned the same day to Aransas bay. The next day Assistant Surgeon Root and Master's Mate Reynolds went, under flag of truce, with the yacht to Corpus Christi, and were allowed to go ashore and communicate with Lieutenant Kittredge. He was allowed to take what clothes, provisions, and money he wished. He was then staying with Major Hobbie, who commanded the forces there at the attack made on it by this fleet, August 16 and 18, but has been displaced by Major Grey. On the 16th Lieutenant Kittredge was to have been taken to San Antonio. Major Hobbie gives assurance that he shall be treated with all the deference and courtesy due his rank.

Mr. Reynolds reports a new battery there, and testifies to seeing six long 32-pounders, two Mexican 24-pounders, and six brass field-pieces. They have been increasing their forces lately, so that the idea of again attacking them with our present force would be impracticable. By the capture of Lieutenant Kittredge the service is deprived of a brave and good officer. His knowledge of the intricate inside navigation and of the topography of the country was invaluable. The following are the names of the crew captured with him: Frederick Williams, coxswain; George Clemett, Henry McLean, and James Stewart, seaman; John F. Reid and Daniel Kennedy, ordinary seamen, and Albert A. Butts, landsman.

The following arms were captured with the gig: seven Enfield rifled muskets and accoutrements; seven cutlasses, and seven boarding-pistols. We learned that Wilson, landsman, (whose capture on St. Joseph's island has been before reported,) was taken by twenty cavalry from Salina, and that he is now a prisoner at Matagorda. Under my command the Arthur was absent at Galveston, to land a lady passenger taken in the prize schooner Water Witch, from September 11 to 19.

I am, very respectfully, your obedient servant,

W. O. LANDT,

Acting Master, Comd'g United States Bark Arthur.

Rear Admiral D. G. FARRAGUT,

Commanding Gulf Squadron.

UNITED STATES STEAMER KENSINGTON,

Off Lake Calcasieu, Texas, October 2, 1862.

SIR: I have the honor to report the entire success of our expedition to Sabine Pass. The town is in our possession, and the battery (consisting of four guns, two of 8,000 pounds, and two smaller) entirely destroyed, without the loss of a single man on our side.

The steamer Kensington and schooner Rachel Seaman, under my command, arrived off Sabine Pass on the morning of the 23d of September, where the mortar schooner Henry Janes, Pennington, commander, was found at anchor. I proposed to him to join the expedition, which he did, and we attempted to pass the bar that night, but did not succeed. The next day was calm until nearly night, when, with a light breeze, the two schooners, having on board a strong party from the Kensington, attempted to cross the bar, in which, after the greatest exertions, the Rachel Seaman only succeeded.

The next day, with all the boats, the Henry Janes was kedged over, and both vessels immediately took up a position to attack. The battery opened on us with vigor, but the shells and rifle shots from our vessels overpowered their fire, and they ceased. That night I led a boat expedition up the pass to attack them in the rear; but before we got disentangled from the reefs, and got into position, the battery was evacuated. The next morning the schooners moved up to the battery and entirely destroyed it, while I received the surrender of the town. I cannot commend too highly the conduct of the officers and men under my command. They were all eager rivals for every post of danger or difficulty, and fully maintained the enviable reputation our navy has already established. I desire to make especial mention of Acting Master J. L. Pennington, commanding the mortar schooner Henry Janes, for to his perseverance and energy in getting his vessel over the bar, and his skill, courage, and coolness in fighting her, the expedition is mainly indebted for its complete and bloodless success; and I respectfully request that you confer on him the high honor of your commendation.

The next day, leaving the two schooners at anchor, I started with the Kensington for the river Mermantau, which is about fifty miles east of Sabine, where it was reported there was an unfinished battery and several steamers. That evening I led a strong boat expedition up that river. We found the battery deserted and destroyed, and that two of the steamers had run the blockade, loaded with sugar, only a week before. One still remained, but was up the river, and could not be reached in boats. The next day we anchored near the mouth of Lake Calcasieu and took a sloop. We also obtained information of a steamer and two schooners that lay up the lake, and afterwards saw the steamer moving. We immediately commenced to fit the launch with masts and sails, with which to go after her. The next day I returned to Sabine, where I found

that Captains Hooper and Pennington had executed my orders, by going up to Taylor's bayou and destroying a large railroad bridge, thus cutting off all communication with Sabine Pass, and rendering our position secure against a land attack. The next day I chased and captured the British schooner *Velocity*, from Sisal, Mexico, loaded with salt, cotton-bagging, and large quantities of rope. I sent her into anchor at Sabine. The next day, (yesterday,) having completed my launch, I started for Lake Calcasieu, and off this place captured the British schooner *Adventure*, also from Sisal, and loaded with the same cargo. I have taken the liberty of sending her to you with this communication, believing her not to be of sufficient value to send north, and in the hope that you will retain her at Pensacola for the short time necessary to make it safe to send her to Key West, before which I hope to be at Pensacola to report in person.

I shall to-day start up the lake for the steamer, and hope to take her. In which event I propose to arm her and go up the Mermantau river until I take the steamer *there*. Upon these two, if I get them safely to Sabine, I propose to place our Parrott guns and howitzers, and make a dash up the Sabine river, where there are several steamers and schooners and no batteries. If I am successful there, I shall return and go up the Natchez river, where there are still more steamers and vessels, and where, at the town of Beaumont, there is a large railroad bridge on the main line of Texas, which, destroyed, will stop all communication between eastern and western Texas. All this is defended by only two 24-pounders in battery, and those I hope to overpower with the Parrott's; in which event I shall take or destroy all above, and thus completely use up one of the most vicious and active of secession ports.

So soon as I take the steamers at this place and at Mermantau river, I propose to man them with such a part of the *Kensington's* crew as can be safely spared, and then send the *Kensington* to fulfil your orders relative to the *Albatros* and other vessels to the westward, under the command of my executive officer, who is a sober man, thorough seaman, and perfectly competent.

I have the honor to send herewith a Galveston paper, containing a notice of the capture of Captain Kittredge, which I hope is not true.

I am, sir, respectfully, your obedient servant,

FREDERICK CROCKER,

Acting Master Commanding.

Rear Admiral D. G. FARRAGUT,

Commanding Western Gulf Squadron.

UNITED STATES GUNBOAT *SCIOTA*,

Mississippi River, near Donaldsonville, October 4, 1862.

SIR: It becomes my sorrowful duty to report to you the death of First Lieutenant Charles H. Swasey, killed in the action with the rebel forces below Donaldsonville this day at 1.30 p. m.

This gunboat was the leading vessel, conveying a number of transports loaded with cattle, when a concealed battery of four pieces of artillery opened from the levee, accompanied by a sharp fire of musketry from a large body of men who lay in ambush behind the levee. The first shot fired by the rebels came through the bulwarks just abaft the pivot-gun, striking Lieutenant Swasey on the right hip and cutting off his right hand. He expired at 3 p. m.

This loss to the service and to the country of a gallant, zealous, and energetic young officer who promised so much in the future, we have reason to mourn; the

more so, as he fell in a cowardly attack of the rebels; but his death is no less one more offering of blood to the cause of the Union and of our country.

I have the honor to be, very respectfully, your obedient servant,

R. B. LOWRY,

Lieutenant Commander U. S. N., Commanding Sciota.

Rear Admiral D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

Engagement with the Sciota below Donaldsonville, Louisiana, October 4, 1862.

UNITED STATES GUNBOAT SCIOTA,

New Orleans, La., October 4, 1862.

SIR: I have to report that this day, about 1.30 p. m., some two miles below Donaldsonville, a rebel force, consisting of some six pieces or more of flying artillery, supported by a large body of infantry, probably as many as fifteen hundred, opened a severe and hot fire upon this vessel and a convoy of army transports loaded with cattle. So skilfully concealed was the battery and the ambush of the footmen, that it was not until this vessel was abreast of the enemy, and they had opened their fire, that they were discovered; and, though the crew were at quarters and the ship cleared for action, still, such was the speed of the vessel, that she had passed so far below the rebel battery as to render it impossible to train the guns abaft enough to bear on the enemy beyond some three rounds from all the battery, but, ordering the convoy to seek safety in flight, I put my helm hard astarboard and rounded to, the shifting pivots to port, when I opened an effective fire of grape, canister, and shell with such results as soon to silence nearly all the fire of the rebels. The Kineo, some distance astern, coming rapidly to my support, and with a rapid fire driving the enemy, who were above my line of fire, from their position to seek safety in a cowardly flight, after a concealed and assassin-like attack.

I regret to report that Lieutenant Charles H. Swasey, executive officer of this vessel, was mortally wounded while gallantly performing his duty, having just pointed and fired the 9-inch gun. A 12-pounder rifle-shot entered the bulwark, striking him on the hip and inflicting a terrible and mortal wound, of which he expired at 3 p. m.

This officer was characterized by all the elements which make up the hero—brave, imbued with patriotic ardor and professional ambition, chivalric as a gentleman, gentle, and with a heart full of Christian principles. His last words were: "Tell my mother I tried to be a good man." I respectfully request that his death, so heroic and noble, may be especially made known to the nation through the Navy Department.

John O'Hare, landsman, was wounded by a round shot in the right arm, rendering amputation necessary.

I consider it my duty to call attention to this action, as corroborating, to a great extent, the information that I had the honor to send to Commodore Henry W. Morris on the 9th September, to the effect that the enemy were daily gaining strength and audacity, so that in a short time the present force in this river will not be sufficient to hold it for the government. From additional information, I am again forced to represent that, from New Orleans to Vicksburg, on both sides of the river, all the residents are hostile to the United States, and in arms against us; that conscription is rapidly forming large bodies of men to resist us. The low state of the river places the open-decked gunboats some twenty feet, and at a great disadvantage, below the crest of the levee, which is a strong, safe, and ready-made breastwork for sharpshooters, leaving their

women in their residences, and relying upon their feebleness to protect them and their property from the righteous punishment which should await them for their treason. The male residents are all more or less in arms, and steadily gaining strength. The most energetic and severe measures are necessary to reduce these people to subjection and obedience to the laws of the United States.

I am, very respectfully, your obedient servant,

R. B. LOWRY,

Lieutenant Commanding, United States Navy.

Rear Admiral D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES GUNBOAT KINEO,

Mississippi River, October 4, 1862.

SIR: I have to report that while steaming down the river, as convoy to six transport steamers with cattle, this afternoon—the Sciota ahead, the Kineo and Itasca following—at about 2.10 p. m. a sharp fire was opened upon us from the west bank, about two miles below Donaldsonville, with musketry and artillery. It was returned, promptly, from each gunboat—by the Kineo, with the 11-inch pivot Parrott rifle howitzer and 32-pounder—with such effect that the enemy were soon compelled to withdraw from the bank. We kept steadily on down the river, as I deemed it of great importance to insure a safe and very quick transportation of the cattle to a place where they might be released from confinement, lest many might be lost for want of food and water.

I will now return to endeavor to secure, with the aid of the Katahdin and Itasca, the remainder of the drove—about 200—which we were compelled by circumstances to leave behind.

Lieutenant Commander Lowry will explain to you in person more particularly, and doubtless more satisfactorily than I can in the hurry of the present moment, the condition of things and the circumstances under which we still hold about 200 head of cattle, nine miles above Donaldsonville.

I enclose herewith a report from Assistant Surgeon A. S. Oberly of killed and wounded on board this vessel in the action of to-day.

I have the honor to be, sir, very respectfully, your obedient servant,

GEO. M. RANSOM,

Lieutenant Commander.

Commodore HENRY W. MORRIS,

Senior Officer, present, New Orleans.

UNITED STATES GUNBOAT KINEO,

Mississippi River, October 4, 1862.

SIR: The following casualties occurred aboard this vessel at 2.15 o'clock this afternoon, from the fire of the enemy a few miles below Donaldsonville, while convoying transports down the river:

William Swain, ordinary seaman, killed; Latham A. Brown, acting master, wounded in the groin, slightly, by a spent ball.

Very respectfully,

A. S. OBERLY,

Assistant Surgeon United States Navy.

Lieutenant Commander GEO. M. RANSOM,

Commanding United States Gunboat Kineo.

UNITED STATES SCHOONER RACHEL SEAMAN,
Sabine Pass, Texas October 5, 1862.

SIR: In the temporary absence of Captain Crocker, of the steamer Kensington, commanding the expedition, I have the honor of submitting to you the following report of the occupation of this place by the forces detailed by you for that purpose, viz: 'The Rachel Seaman left Pensacola in tow of the Kensington, Friday, the 19th ultimo, and arrived off the bar of this place, Monday, the 22d ultimo, anchoring within five miles of the fort; wind light from the north, channel trending northwest.

Tuesday, 23d, Captain Crocker, with Assistant Surgeon Cobb, Assistant Paymaster Tarbell, Acting Masters Taylor and Hammond, with Master's Mate Finney, came on board, while the Kensington's launch and first cutter, each with a howitzer and otherwise armed and equipped, were alongside. All this day we were engaged in towing and kedging over the bar. At 6 p. m. came to anchor two and a half miles from the fort, and sent assistance to the mortar schooner Henry Janes, which had previously arrived. During the night a boat in charge of Mr. Sommers, master's mate, rowed guard, going in above the fort.

Wednesday, September 24.—At 9 a. m. we opened fire upon the fort from our 20-pound rifle and two broadside 32's of fifty-seven hundred weight. We fired eleven times from our position of two and a half miles distance. The Henry Janes fired three shell from her mortar, at a distance of three miles; our shell all fell within or beyond the fort. The enemy promptly replied, most of their shot falling short of us. Finding this to be too long a range for good execution, ceased firing, and both vessels proceeded to kedge nearer the fort. At 5 p. m. we had succeeded in obtaining a position one and one-half mile from the fort, both vessels in a line. While getting this position, the fort had continued a brisk fire upon us, the shot all falling near us. Notwithstanding that we were for some time unable to return the fire, our officers and men all remained perfectly cool. At 5.30 p. m. both vessels opened fire, making splendid shots; at 6.15 ceased firing for the night. It was then determined to attempt the capture of the fort with our boats; and at 11.30 p. m. the launch, in charge of Acting Master Hammond, with Captain Crocker in command; the first cutter in charge of Edwin Janverin, master's mate of this vessel, each boat with a howitzer, and a boat with five men, in charge of Mr. Sommers, as a spiking party, started in shore. The boat succeeded in getting above the fort, but got aground among the oyster reefs, in which the bay abounds, and were unable to get into the channel which would lead to the rear of the fort. After rowing until near daylight the attempt was given up.

Thursday, September 25.—At daylight we opened fire with our Parrott rifle. We fired three shell directly into the fort; this bringing no response, and seeing no one about the fort and no flag flying, we ceased firing, and Captain Crocker went in, under a flag of truce, and found the fort evacuated, and the guns spiked. The guns consisted of two 32's of 7,000 pounds each, and two 32's of forty-two hundred weight. Captain Crocker then started for the town, but was met by a deputation of three citizens, who said that the mayor had died two days previous, and that nearly all the citizens had left on account of the yellow fever, which had been raging badly, but was then abating. After giving and receiving the necessary assurances of good conduct, &c., Captain Crocker returned on board, deeming it not prudent to allow any one to land. In the meantime, the schooners had got under way and stood in, the Rachel Seaman anchoring abreast of the fort, and the Henry Janes five hundred yards below. In the course of the day I sent in a boat and burnt the barrack buildings and gun-carriages.

Friday, September 26.—Captain Crocker, with his officers and men, returned

to the Kensington, and got under way for Mermantau river, fifty miles to the eastward, where some steamers were reported to be hidden.

Saturday, September 27th.—At 10 p. m. two boats from the Henry Janes, with one boat from this vessel, pulled up river about fifteen miles, burnt a railroad bridge, and intercepted a mail.

Monday, September 29.—The Kensington returned unsuccessful.

Tuesday, September 30.—The Kensington overhauled and brought in a small schooner from Sisal, Mexico, bound to New Orleans, with leather, bagging, and salt, under English papers; she was standing in, however, for this port. Her captain and crew of seven men were transferred to the Kensington.

Thursday, October 2.—Three of our boats, with two from the Henry Janes, went up river about five miles and brought down the families of Messrs. Kirkpatrick and Davis, who claimed our protection; they were placed on board of the prize schooner Velocity. After taking the families the depot was burned. The Kensington again absent on an expedition.

Monday, October 6.—Early this morning descried a schooner standing in; sent a boat, in charge of Mr. Janverin, to board her. She proved to be the schooner Dart, from Sisal, bound to New Orleans, with a cargo of salt, rope, and leather; she was brought in and anchored near us. The captain, who is a resident of this place, with the crew, was brought on board of this vessel. The Dart was under English papers, and will be retained until the return of Captain Crocker.

Very respectfully, your obedient servant,

QUINCY A. HOOPER,

Acting Master U. S. N., Com'ding U. S. Schooner Rachel Seaman.

Rear Admiral DAVID G. FARRAGUT,

Commanding Western Gulf Squadron.

UNITED STATES STEAMER WESTFIELD,
Off Galveston, Texas, October 5, 1862.

ADMIRAL: The steamers Westfield, Harriet Lane, Commander Wainwright; Owasco, Commander Guest; Clifton, Lieutenant Commanding Law, and the schooner Henry Janes, Acting Master Pennington, of the mortar flotilla, under my command, yesterday captured, after a feeble resistance, the defences of the harbor and city of Galveston.

The guns of a formidable-looking battery on Pelican island, from which we anticipated a heavy fire, proving to be "quakers," and the bursting of an 11-inch shell from the Owasco over their heavy 10-inch columbiad mounted on Fort Point, causing a panic in the fort, will account for the ease with which this important capture has been made.

Respectfully, your obedient servant,

W. B. RENSHAW,
Commanding Mortar Flotilla.

Rear Admiral D. G. FARRAGUT,

Commanding W. G. Blockading Squadron, Pensacola.

UNITED STATES SCHOONER HENRY JANES,
Sabine Pass, September 29, 1862.

SIR: On the 18th ultimo, in obedience to your orders, I got under way and proceeded direct to Sabine bar, anchoring off the bar Sunday morning, 21st. When within about six miles of the bar I discovered a steamer which had every

appearance of being an enemy. I at once called the crew to quarters, and made every preparation for action. Upon nearing her, I discovered that she was a double-engine high-pressure steamer. The wind being high, and from the north, it was impossible for me to get within gunshot of her, and having been informed by you that several vessels had run the blockade at this place, and that a number of vessels were daily expected, I at once prepared a secession flag with the intention of decoying her out over the bar. As soon as she discovered the flag she got up steam, hoisted the rebel flag, and made for us. She came steadily on her course until within about two and a half miles; when I had to change my course to prevent my running ashore on the bar, which brought my vessel in such a position as to show my quarter boats, when she turned immediately and steamed under the battery. The wind now fell so that my vessel was unmanageable, and I was forced to anchor to prevent drifting ashore. I could plainly distinguish a large number of men upon the decks of the steamer, and, not knowing but that she might be armed, I made every preparation to repel an attack, in case she should attempt to board us during the night. September 22, at 8 a. m. the rebels hoisted their flag over the battery. The steamer at this time being tied up to the bank in front of the battery. At 9 a. m. I saw two vessels in the offing making for us. They proved to be the United States steamer Kensington, Acting Master Crocker, commanding, and the United States schooner Rachel Seaman, Acting Master Hooper, commanding. The steamer Kensington came to anchor within a few hundred yards of my vessel, Captain Crocker came on board and informed me that he had come here with orders from Admiral Farragut to blockade this port, and, if practicable, to capture the battery, which is situated on the left bank, three miles from the middle of the bar, and northwest three-quarters of a mile from the light-house. Captain Crocker asked me if I would join him and Captain Hooper in the attack upon the battery, which I considered upon before giving an answer, as my orders from you were to proceed direct to this bar, and there await your arrival in the steamer. My being well acquainted with the bar, and feeling confident that we would be successful in the capture of the battery, I assented to co-operate with them. The steamer Kensington being of heavy draught, she was unable to cross the bar; so the plan agreed upon was to take the launches, armed with howitzers, with as many officers and seamen as could safely be spared, and cross the bar with the two schooners, and make the attack. There being but eight feet of water on the bar, and my vessel drawing eight feet seven inches, we were forced to wait for a strong breeze to drive her through the mud. September 23, at 4 p. m., the wind shifted to the southeast and breezed up. Captain Crocker, with part of his officers and crew, went on board the Rachel Seaman and got under way, followed closely by my vessel until one-third the way of the bar, when, my vessel, drawing seventeen inches more water than the Seaman, brought up, while the Seaman passed over and anchored just inside the bar, out of range of the battery. Captain Crocker immediately sent me five boats, well manned, to assist me in running anchors and heaving over the bar. After working seven hours, the tide fell so that she did not move; so we ceased for the night, and Captain Crocker's men returned to the Rachel Seaman. September 24, when daylight appeared, I could distinguish a large number of men standing upon the battery. My vessel being now about three miles from the battery, I concluded I would give them a shell to see them "skedaddle." I called the crew to quarters and opened fire with the mortar on the battery. The shell fell about twenty feet from the centre of the battery and covered one man nearly up with mud, which I have been told by a man who was in the battery. I fired three shell and then ceased. The Rachel Seaman opened fire soon after with her twenty-pounder Parrott, but could not reach the battery. The battery returned the compliment, but could not reach the Seaman. At 11 a. m. the tide commenced raising, and Captain Crocker sent me a strong force to assist me in getting over,

which we accomplished after five hours' hard labor. The wind now being fair, I made sail, and took position 2,700 yards from the battery, and cleared away for action. At 5 p. m., the enemy discovering that I was training the mortar round on the battery, they opened fire on my vessel from four guns, thinking, as I have been since informed, that they could sink me before I could fire the mortar. But they were sadly disappointed, as the fourth shot was made by the mortar, the shell bursting directly over the battery and driving the rebels from their guns. I opened fire also with my 32-pounders, but soon discovered that they could not reach; so I worked the mortar alone. Soon as the shell would alight and explode, they would jump to their guns and give me four in return. But, fortunately, two of their guns would not reach, while the other two fell close around me, sometimes going over one hundred yards. I fired the mortar as rapidly as possible, bursting the shell over the battery. The Rachel Seaman commenced getting under way as soon as I opened fire on the battery, and came up within fifty yards of my vessel, and moored broadside on; and, at 6 p. m. commenced firing with her 20-pounder Parrott and 32-pounder; firing two shots from the former, and three from the latter; all, apparently, falling short of the battery. The enemy directing their fire entirely at my vessel. By this time I had obtained the exact range, the shell falling and exploding around the battery with great effect. At 6.40 p. m. we silenced the enemy's guns. I continued the fire from the mortar till 7 p. m., and, finding that the enemy did not reply, I ceased firing. On the morning of September 25 I early discovered that the battery was evacuated. I immediately reported the fact to Captain Crocker, who at once proceeded to the fort and raised the stars and stripes. I forgot to mention that, on the night of the 24th, Captain Crocker fitted out three boats armed with howitzers, with the intention of capturing a steamboat lying above the fort. But, being delayed in trying to make their way through the reefs, they had to return without accomplishing their object. My next step was to visit the battery, whose armament I found to consist of two 42-pounders, and two 24-pounders. The guns were all spiked, with the exception of one 24-pounder. Their shot and shell they had thrown into the river, many lying at the water's edge. One thousand pounds of powder in cartridges were found in the barracks, which I took possession of. On the following day I visited the town of Sabine, and found about forty of the inhabitants remaining, the rest having fled to the country by the way of the cars and two steamboats. On the morning after the bombardment I was informed that the yellow fever was in the town, and that it had been very severe, resulting in the death of one-half of the population. My being well acquainted with the remaining citizens, they conversed freely with me. The fort was garrisoned by 70 men, under the command of Captain Keith, a resident of Sabine. There had been, previous to the bombardment, 300 infantry and 100 cavalry at this point; but on account of the severity of the yellow fever, they had been removed to Beaumont, 35 miles from this place. I also ascertained that the fort had been re-enforced on the night of the evacuation by 120 troops under command of Colonel Spaights; but, being informed by Captain Keith that it was impossible to withstand the bombardment, they returned on the cars the following morning. On the morning of the 26th I picked up a boat with three men in it, from whom I learned that the enemy expected a re-enforcement of 3,000 infantry and cavalry; and, knowing that their transportation would be cut off by the destruction of a railroad bridge, 12 miles from this point, crossing Bayou Taylor, which empties into Lake Sabine, I determined, if possible, to destroy the bridge. On the 27th I proposed to Captain Hooper that I would take command of an expedition that night if he would give me the aid of one of his boats; to which he consented. I at once provided the boats with every thing required for the occasion. At 9 p. m. I left the vessel with the following boats: first cutter with a crew of 17 men; second cutter, 8 men, in charge of Master's Mate N. Predmore; and the second cutter of the Rachel

Seaman, with a crew of 8 men, in charge of Master's Mate John Somers. With muffled oars I quietly passed the town. At 11 p. m. we passed a battery of 2 guns, located at a bridge crossing Mud bayou. There not being water enough to enter this bayou, we continued on our course across the lake, arriving at Taylor's bayou at 1 a. m. We carefully entered the bayou and landed at the bridge. I immediately directed Mr. Predmore, with 15 men, to surround a house near by, and Mr. Somers to board two small vessels lying a short distance up the bayou, while I applied the torch to the bridge. Mr. Predmore succeeded in capturing three prisoners and the rebel mail for this town containing Galveston and Houston papers of the 24th instant; also a number of letters—all of which I forwarded to you. The vessels proved to be worthless. After seeing the bridge destroyed we returned to our vessel, arriving there at 6 a. m. The conduct of the officers and men, while on this expedition, is worthy of all praise.

Very respectfully, your obedient servant,

LEWIS W. PENNINGTON,

Acting Master Commanding.

Commander WM. B. RENSHAW,

Commanding Mortar Flotilla.

UNITED STATES STEAMER WESTFIELD,

Off Galveston, Texas, October 8, 1862.

ADMIRAL: I had intended sending the Harriet Lane with the news of the capture of Sabine Pass and this city on the 5th instant, but the wind setting in strong from the southward and eastward threw such a swell in upon the bar that, for the past three days, she has been detained. This delay has determined me to await the termination of the truce, and until I get *possession* of the city, which will be on Thursday morning—unattended, I hope, by any of the disagreeable contingencies that have so much embarrassed me; a brief account of which I will endeavor to give, trusting to Captain Guest, whom I will send in the Owasco with my despatches, to enlighten you upon any points that may seem obscure.

At six o'clock on Saturday morning the Harriet Lane was sent over the bar with a flag of truce, to communicate with the military authorities and demand the surrender of the forts, giving them an hour to decide. After standing in some distance, a shot was fired to bring her to, and she immediately anchored to wait for a boat from the shore, which being a long time in making its appearance, Captain Wainwright despatched his executive officer to ascertain the cause of the delay, and explain the object of his visit. After some trouble, he was permitted to land and inform the commanding officer, Colonel Cook, that Captain Wainwright had a message to deliver to the authorities from the commanding officer of the naval force in the offing. Colonel Cook promised to send a proper officer to receive it, and the interview ended.

Captain Wainwright waited, in his opinion, sufficiently long for this officer to arrive, and seeing nothing but a sail-boat coming very leisurely, without a confederate but *with* a white flag flying, conceived that if the boat in sight did contain the messenger, he was not progressing with the rapidity the gravity of the occasion required, and determined not to remain any longer for him, but to get under way and proceed outside the bar. After anchoring, he reported to me that he thought the rebel authorities were unnecessarily long in getting off their boat, and that their management of her indicated a desire to procrastinate.

I regretted Captain Wainwright's having sent a boat from his ship, and also, as he had sent one, that he did not await the arrival of the officer coming to receive his message. However, as the boat with the white flag flying was still

beating out, and wishing, if possible, to make the attack that day, to save time I got under way with the whole force with a view of meeting the boat. Her progress, however, was so slow that the desire was frustrated by the fort's opening fire before she reached us, which, of course, was returned, and so vigorously that but a few moments elapsed before the whole garrison had deserted their guns, and ran as if seized with a panic. The boat had by this time put back, *with her flag still flying*, which, as it had been despatched by our invitation, I thought we should still receive, and with that view I made the signal "cease firing," although, had it been continued, doubtless many of the retreating enemy might have been killed.

I confess, sir, that their persistently keeping the white flag flying from this boat (but about half a mile ahead of me) embarrassed me; and this was increased upon our coming within easy range (of our guns) of the city. I was met by some half dozen discharges from two short 24-pounders (which could not reach us within fifty yards) immediately in its front. Here was a dilemma. A white flag, sent by my own request, was within half a mile of me; to have silenced this insignificant battery would have necessitated firing through the most thickly populated part of the town, where all the *consular* flags were flying, and with the almost certainty of killing some woman, child, or alien, which catastrophe all these consuls would make a handle of to try and impress their governments with the idea that we were carrying on this war like barbarians, and possibly cause some embarrassment to our government. True, it may be said, in a strictly military point of view, their having first fired upon me from the *town* gave an undoubted right to return that fire, (and I have not a doubt that I disappointed the rebels very much by not having done so, their object being to provoke such a result;) but, on the other hand, let it be taken into consideration the many motives that governed me in taking the course I did, not the least of which was that no advantage would be gained by destroying the city at that time, when I knew that, should negotiations for its safety fail, I would be in no worse position than I then occupied, while, by granting a truce of four days, I would deprive the foreign consuls of all cause of complaint and stop the mouths of humanitarians.

With these views of the case, which had to be promptly taken, I hoisted a flag of truce and anchored. Their boat turned round on perceiving it, and came alongside, containing a major and captain of the confederate army, who informed me that they had been sent by Colonel Cook, the commanding officer on shore, in compliance with my request, to receive any message I might have to deliver. I told them I demanded the unconditional surrender of the city, hoping, by so doing, the military would quickly evacuate and leave the civil authorities to settle the terms, the possibility of their making any defence seeming to me so ridiculous that it did not enter into my calculation to take a different view of the matter. The result proved that my reasoning was erroneous, for, in a short time, three officers returned with a message from Colonel Cook, positively refusing to accede to my terms, adding that upon me rested the responsibility of destroying the town and endangering the lives of women, children, and aliens. I at once saw that my first impressions of their wish to provoke an assault to embroil us with the foreign consuls were correct; still, for a time, I was disposed to take the consequences and make the attack immediately. Captain Guest, who, as well as Captains Wainwright and Law, was with me, made some petulant remarks to the same effect, at the same time getting up, proposed to get under way and tow the mortar schooner into position, to which I assented. Here let me state that, in my first interview with these gentlemen after I had made known my terms, they informed me that the yellow fever prevailed on shore, which information strongly influenced my desire to moderate my first demands, that I might have the option, at the end of a truce, to take possession of the city, or the reverse, should the report of fever existing be confirmed.

After further conversation, on my part endeavoring to prove that the *onus* of firing into the city would rest with them and not with *me*, and they using arguments to confute my position, the major remarked that if I would suspend hostilities until he could again see his commanding officer, that he (the major) would take it upon himself to do so on their part; at the same time requesting to know how long a time I would give them to get the women, children, and aliens out of the place. I replied by telling him that, before I could think of specifying any time for a truce existing, there must be an explicit understanding that they were not to increase the defences of the city, and that everything was to remain as it was at that time. He replied, "Certainly, *that* was nothing more than I had a right to demand," and again asked how many days I would give them. Several periods of time were proposed and discussed, until we fixed upon four days as the time the truce should continue—the same that Captain Eagle had granted them on the occasion of his threatened bombardment. With these preliminaries he departed, and shortly returned with the unqualified approval of the commanding officer of what had been proposed, with the addition that I was not to move my troops further towards the city, and he was not to allow his troops to come below it.

And now, sir, I must relate the circumstances which led to a controversy ending in my allowing them to retain and carry off *four* guns that we were entitled to, and might possibly have been saved had we written out our agreement, an omission caused by my strong desire to do nothing that could lead to a correspondence, deeming the presence of the commanders of the steamers a sufficient guard against misunderstandings. Let me give you the particulars, as far as I can, of this transaction. My understanding of our terms, in which Commanders Guest and Wainwright and Lieutenant Commander Law agree with me, was, that *everything* should *remain as it was* at the time of the agreement. Theirs, it appears, was, that they were not to *increase their defences*, and that demolishing them would rather be gratifying to us than otherwise. I can now see that sufficient stress was not laid upon this important point, which they cunningly took advantage of, and gained their point. The first intimation we had of their differing from us in the sense of our terms of agreement was through a deserter, who informed us that the guns of the south battery were being removed by night. My first impulse was to send a flag of truce on shore, informing them that I was aware of their breach of faith, and that hostilities would immediately commence; but upon coolly reflecting over the matter, I decided I would *let them so far* break their faith, to avoid the disagreeable alternatives of a long consular controversy, and, as I *then thought*, the great danger of contagion from yellow fever; deeming the loss of two old-fashioned twenty-four pounders, one eighty-pounder rifle, and another gun, as but secondary in comparison to the possibility of getting that fatal disease on board of us, and the liability of killing many innocent people. In *addition*, I had strong doubts, even had hostilities recommenced, whether we could have prevented them from taking the guns off at night, for most unquestionably we have not a sufficient force to land and contend against the number of men that could be brought against us, and night, I am of the opinion, would have shielded them from the fire of our guns.

Upon this view of the case I intended acting, but finally yielded to the wishes of Commanders Guest and Wainwright and Lieutenant Commander Law, and sent Commander Guest and Lieutenant Commander Law on shore to charge them with a breach of faith and demand the return of the guns, or an immediate renewal of hostilities. These gentlemen were very courteously received by Colonel Cook and his officers; their understanding of the agreement propounded, and their regrets of a misunderstanding having occurred expressed; at the same time declaring that the breach of faith would be on our side, and that many women, children, and aliens, who intended moving, but had not been able up to that time to obtain transportation, would be the

sufferers. After discussing the case in all points, Captain Guest came to the conclusion that, as the agreement was not in writing, and our verbal understanding was not sufficiently explicit on the point at issue to prevent their taking advantage of it, it was better to allow the truce to continue and let them take the guns than that we should be accused of a breach of faith. I entirely approved of his course, and so the matter stands at present.

I had nearly forgotten to notice an important feature in our negotiations, which was a visit from the English consul, on Sunday, in full consular costume, nominally to be considered an official call, but actually, I am disposed to think, more to find out my views in relation to pending matters than any particular respect for our flag; for, although unexceptionably courteous, it was evident all his sympathies were with the rebels, having lived twenty years among them. In the course of a conversation he stated, with apparent frankness, his appreciation of the liberal time I had granted for the removal of aliens, but must, from the paucity of transportation, beg me to grant an extension of the time. I politely but firmly declined to accede to this request, which led him to express the belief that the rebels would destroy the town sooner than *surrender*; pertinently asking me, at the same time, what I required of the military? I reflected a moment, and saw that the tender point was in *surrendering*; and, with the full knowledge that after knocking their town down I would be no nearer *making them surrender* than I was at that moment, I replied that I would require them to evacuate the city and not to molest our flag, which I intended to hoist over the custom-house, and that, until I heard from you, I had no intention of interfering with the civil authorities. He took his leave with assurances of his using his utmost efforts to prevent the destruction of the city, either by us or the confederates—an event that I was equally earnest in assuring him I would deeply deplore on account of the unoffending poor.

From deserters and others flying from the terrors of the conscription, (which they are rigidly enforcing at the point of the bayonet,) I am of opinion that we have, at last, captured a place of strong Union proclivities, among the lower and middle classes. Their representations of the reign of terror that has prevailed during months past would, I should think, taint the loyalty of the most rabid of the rebel citizens. They have scarcely been allowed a *civil* right, the military demanding and taking what they pleased. One of these refugees, a man in the middle ranks of society, converses with intelligence and imparts valuable information. From him I learn of the Union feeling of his class and the lower grades of the population, (which, so far as the latter is concerned, has been amply verified by the embittered expressions of all that have come on board;) most of whom, that have not been previously drafted, are now hiding in every conceivable way to avoid the gang that is driving every man between the ages of eighteen and fifty over to Virginia Point, to join their army. From the same person I learn that the endeavors of the military to form something like a civil government previous to their leaving *failed*, all their old magistrates having refused to serve. He also states that the threats of destroying the town will not be executed, the foreign influence alone preventing; all the other wealthy and influential citizens having long since fled to the interior.

This exodus from the city is becoming a matter for serious consideration with me. Already we have from sixteen to twenty who have escaped from the city at the peril of their lives, and it would be inhuman not to receive them. Others may still come, and, with our limited supply of provisions, it is a perplexing matter, and would seem a very strong reason for our military forces hastening their taking possession of the city, that they might again return to and be protected in their homes. Of course, the military authorities will be the best judges of the number of men they will require to hold Galveston island; still, the little light I can throw upon the subject may be useful. The charts will give the

position of the city upon the island, and, I think, of the railroad bridge, which is about five miles from the northwest end of the city. The bridge is about three-quarters of a mile long, terminating at Virginia Point, where the rebels have their large battery, mounting from twelve to twenty guns, and an army variously estimated at from 3,000 to 5,000 men. I am disposed to think the latter number is not far from the mark, as they are under the impression that a large force of ours is on the way to invade Texas, and that they are concentrating troops at that point to meet them. The name of the commanding general I have not been able to ascertain, as he has lately come from Houston. One of the brigadiers is General Debree.

This fort on Virginia Point, I think, can be reached by our light mortar vessels and the heavy rifled guns of the Jackson and Westfield, after lightening the vessels as much as possible; and should that plan of taking the fort be adopted, a 100-pounder rifle should be sent for the Clifton. Independent of the fact of the mortars and light steamers being the only naval force that can act against this battery, they can be most usefully employed on the blockade; and should you have determined not to let us go home, I think we can perform good service. At all events, I hope the troops will be speedily sent, for I am most anxious to get away and try and break up the traffic of these inland seas.

Would it not be possible, however, to send a sufficiently large military force to occupy Galveston island at present? Two or three hundred men, with some half dozen pieces of artillery, could easily defend themselves on Fort Point or Pelican island, (the latter I would give the preference to on account of the comfortable barracks upon it, the rebels having burnt those on Fort Point when they evacuated,) with the assistance of a gunboat; and I earnestly hope they will be sent immediately, for I have no ambition to be senior officer on shore and afloat at the same time. The latter position I am convinced, from appearances, will be enough to employ the time and talents of *one* man, and, as a slight proof that my impressions are correct, I will suggest the propriety of a schooner load of flour being sent here at once, for the moment we take possession of the city all communication will be cut off from the main land, and *provisioning*, as well as governing, will fall to the lot of the individual who is honored with the governorship. And here, while suggesting the sending of provisions for the shore people, let me inform you of our own wants. The ferry-boats *can't carry* but six week's provisions, with which we started. Two weeks of every part of the ration have already been expended, and of *bread*, in consequence of a large quantity having proved bad, we have but two weeks on board. Will you be good enough to think of this, and should you not order our return have our wants supplied?

Another reason for my wishing for the speedy arrival of the soldiers is the care I am obliged to take of Pelican island, for fear the rebels will some night slip down and burn the barracks. The marines of the Clifton and this ship now occupy it, having hoisted our flag there on Sunday. At present, my opinion is that I can do nothing more to-morrow, after taking possession of the city, than landing a party to hoist our flag on the custom-house, and after allowing it to fly for about half an hour haul it down and return on board. I have, however, other projects which time will develop. I wish I could be *convinced* that this place would not be given up by us, and I am sure I could at once get up a Union guard that would materially help to guard it.

Very respectfully, your obedient servant,

W. G. RENSHAW, *Commander.*

Admiral D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

UNITED STATES STEAMER KENSINGTON,
Sabine Pass, October 12, 1862.

SIR: At the date of my last report I was just leaving with the launch and howitzer, twelve men and two officers, on an expedition up the Calcasieu river and lake. I have the honor now to report that expedition successful. I was absent four days, and proceeded eighty miles up, where I found the steamer Dan, of which I went in search, and captured it.

Returning with the launch in tow, I stopped at the town of Charleston, on Lake Charles, and burned a large schooner lying there. I then levied on the town a contribution of sweet potatoes and beef, which was furnished. By this time I had been three days, nearly, up the river, and was informed by Union men, plenty of whom I found, that a large party had collected to attack us below; whereupon, I seized upon ten or twelve of the inhabitants of the place, and posting them around the man at the wheel, who was exposed, made the best of my way down the river. I found one other large schooner, which I also burned, and thus destroyed all the navigation in that place, besides teaching the people a lesson they will not soon forget. As soon as I reached a place of safety I released the prisoners. I should have mentioned before that on my way up I captured Colonel Nathaniel Clifton, the commander of all the rebel forces in that vicinity, and now hold him a prisoner. I have proposed to the rebel authorities here to exchange him for Lieutenant Kittrege, of our navy, but as yet have received no reply. On reaching the mouth of Calcasieu river we found it too rough to cross the bar with the steamer, and having heard that the Rachel Seaman was in danger, I left the prize steamer there, with the crew and howitzer, and hastened to this port, where I took in twenty-five men and a howitzer from the Kensington, and came at once to man the prize schooner Velocity. The Rachel Seaman was safe and had taken prize the schooner Dart, by which I have the honor to send this. The Dart ran in, supposing the place still held by the rebels.

Captain Hooper reports that while the mortar vessel Henry Janes was here he tried to move the Rachel Seaman further up, but grounded; that while he lay aground the steamer Clifton came in to tow out the mortar vessel; that the Clifton took a hawser from the Rachel Seaman, and in the attempt to pull her afloat the hawser parted, when the Clifton immediately proceeded to sea with the Henry Janes, thus leaving the Rachel Seaman alone and aground. I found here two families of Union people, who claimed the protection of the United States, and were put on board the Velocity by Captain Hooper, in my absence; I have sent them forward by the Dart for your disposal. I beg leave to mention that the yellow fever has entirely ceased here, but quarantine precautions may be necessary. Messrs. Kirkpatrick and Davis, whose families I thus send forward in the Dart, are the gentlemen to whom I am indebted for a great deal of exceedingly valuable information, and for faithful services as pilots; I recommend them warmly to your protection. I beg that the Dart, like the Adventurer, may be allowed to remain at Pensacola for the present, or till my arrival.

The importance of Sabine Pass to the rebels appears to have been entirely underrated by us; the quantity of goods, of all kinds, and munitions of war that have been run in here has been enormous, and large quantities of cotton have been exported. There are now lying above at least eight steamers and six schooners, large quantities of cotton, and quite a force of troops; these last have been considering strongly the propriety of manning their steamers and making an attack on us. Under these circumstances, and at the earnest request of Captain Hooper, I have concluded to put my 30-pound Parrott on the Dan, the howitzer on the Velocity, and, with a strong party from the Kensington, remain here myself and defend the place, while I send the Kensington down the coast under the command of my executive officer, who is careful and competent, to obey your

orders in reference to the Albatross and other vessels there; and, trusting to your approval of my course, or at least of my motives, to await your further orders here.

Leaving my party on the Velocity in charge of Acting Master Taylor, on the 9th I returned to Calcasieu for the prize Dan, and found they had taken the sloop Eliza, from Vermillion bay, loaded with fifteen hogsheads of sugar. The sugar was unloaded and the sloop destroyed. On the 10th and 11th it blew a hard norther, but we succeeded in moving the Dan to this place in safety, where she now lies.

On arriving here I found that Acting Master Taylor, in the Velocity, had taken the schooner West Florida. She appears to have sailed from New Orleans under a provisional British register; to have cleared for Matamoras, Mexico; to have been taken and then released, with a permit from yourself *to proceed to Matamoras*. She was seen by my officer, in command of the Dan, to pass Calcasieu bar, the afternoon before she was taken, very close in shore, standing to the westward, and to send a man to the masthead. A few hours later she was discovered by Mr. Taylor, from the Velocity, coming from the *eastward* in about two fathoms water. She came on as far as the buoy on the bar at this place, when she steered square in for the Pass, and was taken *inside* the bar buoy *in seven and a half feet of water*. The crew admit that they were bound here from the first; therefore I send her forward as a good prize, but subject to your approval.

Having sent away one prize crew in the Adventure, I am now short of men and officers to man the Velocity and steamer Dan, so that I am not able to fully man the prizes I now send. I therefore retain nearly all the original crews here, lest they should retake their vessels, and shall send them forward by the Kensington on her return from the Rio Grande, for which place she leaves to-day.

I am, respectfully, your obedient servant,

FREDERICK CROCKER,

Acting Master Commanding.

Rear Admiral D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron, Pensacola, Fla.

UNITED STATES BARK ARTHUR,

Pensacola, Florida, October 14, 1862.

SIR: I would respectfully report that after the receipt of your request to obtain Judge Davis's family, on the 12th of September I proceeded, with the yacht Corypheus and schooner Breaker, to Corpus Christi for that purpose. Landed under flag of truce and had an interview with the commanding officer, who refused Mrs. Davis permission to leave Texas, but said he would refer the matter to General Bee, commanding this division of Texas. Got under way, and as the wind was ahead and we could not pass through the cut into Aransas bay, proceeded to Flour Bluff, where several small vessels were discovered. Was joined by sloop Belle Italia at 8 p. m. Saturday morning, (13th ultimo,) as these vessels were trying to escape, shelled them, but they ran into Laguna Madre, where we could not pursue them. Landed and reconnoitered and took three prisoners off to the yacht, to detain them till my reconnoissance was completed.

Sunday morning, (14th ultimo,) as the wind was still ahead, I remained to make further examinations. Saw two armed men in a new unfinished building, and threw a shell to drive them off. Landed with my boat and seven men, with the view of ascertaining if more force was present, and went myself to

the door of the house, (belonging to one of the men captured,) when, suddenly, nineteen men rushed out and surrounded me, and before I could get my revolver from my belt was overpowered. My men, being separated from me by this force, dared not fire, as I was in the midst of the rebels. They were captured, and we were taken at once to Corpus Christi, and from thence sent to General Bee, at San Antonio, for his action. I was by him paroled—also the men—to be sent north for exchanged.

As General Bee admitted that I had been an honorable, although an active enemy, and had respected private property, he sent me back to the *Arthur*, upon condition that myself and men should go north by first opportunity. I have to report that I have experienced kind and considerate treatment at the hands of General Bee and his officers, and my men have also been taken good care of.

Very respectfully, your obedient servant,

J. W. KITTREDGE,

Acting Volunteer Lieutenant Commanding, U. S. Navy.

Senior Rear Admiral D. G. FARRAGUT,

Commanding Western Gulf Blockading Squadron.

Report of Acting Master Commanding Crocker of the destruction of the railroad bridge at Taylor's Bayou, together with barracks and two schooners.

UNITED STATES STEAMER KENSINGTON,

Pensacola Bay, October 24, 1862.

SIR: In continuation of my reports from Sabine Pass, sent by the prize schooners *Adventure* and *West Florida*, I have the honor now to state that on the 13th instant I sent the *Kensington* on her way to Rio Grande, under command of Acting Master Taylor, there to water the *Albatross*, in obedience to your orders, and also to water the other vessels blockading on the Texan coast.

The next day I commenced to prepare an expedition to destroy the large railroad bridge at Taylor's bayou. The expedition I had before sent under command of Acting Master Pennington, of the mortar schooner *Henry Janes*, having failed, at which the newspapers above exulted, while the enemy's troops immediately occupied it, and between two and three hundred men were placed there to guard it.

I put the *Rachel Seaman's* 20-pound Parrott gun and my heavy 12-pound boat howitzer on the prize steamer *Dan*, and on the morning of the 15th, with the schooner *Velocity* in tow, carrying the *Kensington's* 30-pound Parrott, I started to attack the enemy.

In crossing the bar to enter the lake the schooner grounded, and I left her, pushing on with the steamer and a crew of twenty-five men only. The enemy were posted behind a high and strong embankment, and a force of cavalry and field artillery were drawn up in the prairie a little back.

As soon as we came within range with the Parrott we opened on them with shell to draw their fire, if they had any heavy artillery; but they did not reply, and we continued the fire, nearing them rapidly, until our boat howitzers, with two-second shrapnel, had them nicely in range, when the steamer grounded.

A very few rounds gave the exact elevation, when the enemy broke and fled in confusion towards the cavalry and a train of cars which had in the mean time arrived from Beaumont with reinforcements.

I immediately sent two boats' crews to destroy the bridge while we shelled the prairie and the cars. We hit the train, and compelled it and the troops to fall back, after some time spent in repairing the cars.

The two boats' crews, under command of Master's Mate Janvin, of the *Rachel Seaman*, and Second Assistant Engineer O'Conner, of the *Kensington*, did their work in the most complete manner; they entirely destroyed the bridge, thus preventing the transportation of heavy artillery to Sabine Pass, and also burned all the enemy's barracks, and also the schooners *Stonewall* and *Lone Star*. While they were at work the enemy's cavalry made a charge on them, but the well-directed fire from the steamer repulsed them, and the work was done at our leisure. Returning to the schooner, we towed her afloat, and arrived back at the pass the next morning. All that day (the 16th) we spent in preparing to attack a cavalry encampment situated about five miles back from the town of Sabine, the pickets from which had been a continual annoyance to us.

On the morning of the 17th, with a party of fifty men and a light boat howitzer, we commenced our march for the encampment, driving in the pickets. As we advanced they retreated before us, gradually increasing in number until we reached nearly to their encampment, where they made a stand; upon which we started towards them on the double-quick, until we came within the range with our howitzer, when we unlimbered and gave it to them. The enemy immediately broke and fled into the chaparral. We immediately burned all their encampment, consisting of fourteen houses and stables, and then marched leisurely back to our schooner.

I cannot speak in too high praise of the steadiness and coolness of my officers and men; they appeared as if on parade.

I desire to make especial mention of Acting Master's Mate Janvin, of the *Rachel Seaman*, and Second Assistant Engineer O'Connor, of this ship, both of whom I recommend strongly for promotion for their gallantry, and also for their professional qualifications and character.

On the 18th the *Kensington* returned, having obeyed your orders, down the coast; and on the 19th, with a number of refugees who had fled to us for protection, I started for the Southwest Pass, where I landed them on the 21st, in care of Captain Weeks, of the *Pampero*. I left the *Rachel Seaman* at Sabine Pass, and also the schooner *Velocity*, with the *Kensington's* Parrott gun, and the prize steamer *Dan*, with the heavy howitzer and about thirty of the *Kensington's* men, all under command of Acting Master Hammond, of the *Kensington*, who has accompanied me on all my expeditions, and distinguished himself by his coolness and bravery on all occasions.

Captain Hooper has rendered me the most important and efficient aid on all occasions, while all the officers and men remaining on board the *Kensington* have performed their greatly-increased duties with the utmost cheerfulness, regretting only that they also could not have been spared to keep us on shore.

On the 22d I supplied water to the vessels at Ship island; on the 23d reported to Commodore Bell, at Mobile, and arrived off this port last night.

I am, very respectfully, your obedient servant,

FREDERICK CROCKER,
Acting Master, Commanding.

Rear Admiral D. G. FARRAGUT,
Commanding Western Gulf Squadron.

Lieutenant Commander T. McKean Buchanan's report of his operations in the waters of Louisiana.

UNITED STATES STEAMER CALHOUN,
Off Brashear City, Atchafalaya river, November 9, 1862.

SIR: I have the honor to report that I left Lake Pontchartrain on the afternoon of the 25th of October, to proceed to the Southwest Pass, where I was to

be met by the steamers *Estrella* and *St. Mary's*, and to proceed from there to this place, in order to co-operate with General Weitzel, who was coming along the railroad; and I also hoped to catch some confederate gunboats.

I had expected to bring the steamers *Kinsman* and *Diana* with me, but the *Kinsman* broke down at Fort Pike, and the *Diana* not having her officers or crew, I left without them.

I arrived at the Southwest Pass on the evening of the 27th, having run aground in coming through Pass à l'Outre, and left in company with the *Estrella*, Lieutenant Commander Cook, and the United States transport *St. Mary's*, having on board the 21st Indiana regiment, on the morning of the 28th.

We arrived in the bay the morning of the 29th, and immediately commenced staking out the channel, which is very intricate and narrow. The rebels had removed all the buoys and stakes, but we, by hard work, managed to work our way up to the obstructions in the channel by the evening of the 30th. The *Kinsman* arrived the same evening, and I left the pilot busy all night putting down stakes to get around the obstructions, and as there was not water enough to steer in, I hauled the *Kinsman* alongside and put all my guns and ammunition on board of her. The same morning a rebel steamer came down to take a look at us, and fired three guns at us, which I returned with two from my 30-pounder Parrott, when she turned and ran back. The next day I tried to get the *Calhoun* over, but she grounded. I put three of her guns back and started with the *Estrella* for Atchafalaya river, but the *Estrella* also ran aground; and finding it impossible to get her off until high tide, I went with the *Kinsman* alone to the mouth of the river; but finding nothing I ran out into the bay and anchored, and sent my pilot down to the other vessels. He brought the *Estrella* and *St. Mary's* up safely the next morning, and Mr. Jordan, the executive officer, succeeded in getting around the obstructions and about half way up the bay, where the *Calhoun* grounded again. We tried to get her off in the *Kinsman*, but not succeeding, and, as we had already lost so much time, I took part of my crew and two guns on board and started for this place, where we arrived about 7 o'clock p. m. of the 1st. Upon getting off the town I saw a steamer's smoke, which I immediately made for, although I could not fire upon her, as my Parrott gun was spiked, how or by whom I cannot discover. I ordered the *Estrella* to open fire, however, and we, a short time afterwards getting our gun clear, opened also. The steamer then rang her bell very loudly, and we heard persons singing out "don't fire"—which has been corroborated by persons from shore—when I ordered the *Estrella* to cease firing, and also the *Kinsman*, thinking she had surrendered, and for the *Estrella* to run alongside of her and board her, she then being about 1,500 yards distant; but Captain Cook misunderstanding the order fell back, and about the same time the steamer fired again, striking the *Kinsman* under the port bow. I immediately opened on her again, and still going full speed made for her; but she put up the Atchafalaya river, and, although we followed her for nearly an hour, she succeeded in escaping from us by her superior speed. She proved to be the rebel gunboat *Cotton*, iron-clad, with, I think, the guns casemated, and very fast. The same night I captured the rebel steamboat *A. B. Seger*. She belonged to the confederate States navy, and was used as despatch boat, and was commanded by Lieutenant A. Coons, C. S. N. The crew ran her on shore and deserted her. She is a small side-wheel boat of about thirty tons, and not fit to go outside. I brought up the *St. Mary's* the same night, and anchored off Brashear City. We landed the next morning, and found that we had arrived too late by forty-eight hours to prevent the rebels from crossing. The *Diana* arrived the same day, and shortly afterwards Mr. Jordan arrived with the *Calhoun*. As soon as I had coaled I started with all four boats up the Atchafalaya river, to go up Bayou Teche to Franklin. About five miles above Pattersonville, and three from the mouth of the Teche, I found the enemy posted. They had thrown up some

earthworks about two miles up, which they deserted on our approach, and retreated above a bridge called the Cornay bridge. I opened on them with my Parrott guns, but carrying away the chock to which the breaching was secured I was obliged to stop to repair. I sent Captain Cook ahead with the other two boats, when he soon came in range of the Cotton, which was posted above the bridge, and, as we soon found out, they had also the river obstructed. The second or third shot struck the Estrella on her port rail, killing two soldiers who were working a 24-pounder howitzer, and wounding another man, and also carrying away the Estrella's wheel ropes. The Estrella was obliged to run on shore, to allow the other boats to pass, the Teche being here very narrow. The Diana and Kinsman kept on, but the Diana having her Parrott guns mounted on an iron carriage, got it foul, and was obliged to stop. The Kinsman, however, kept on up to the bridge; and I would respectfully bring to your notice the conduct of Acting Master George Wiggins, commanding her. He put his ship right up to the battery on shore, which, I have since learned, consisted of eleven field-pieces, and within one thousand yards of the Cotton, which was as close as he could get. He drove off the field-pieces, and kept up fire with his rifled gun on the Cotton. He received fifty-four shots through his hull and upper works, and had three through his flag. He had one round shot through his shell-room and magazine, but, fortunately, it did no more damage than to destroy eleven shell-boxes, and to knock the sabots off of the shell. He had one man killed and five wounded, one of which—his lake pilot—died next day from the effects of amputation. I hurried up as soon as I heard the firing, and run my stern up to the bridge, and finding the Kinsman was leaking badly, ordered Captain Wiggins to back out of range. By running my bow into the bank, I brought my port broadside to bear on the Cotton. She stood for about twenty minutes, when she backed up around a turn in the Teche, and soon got out of our range. The Estrella and Diana also by this time were up, and after shelling the woods we landed. I tried to haul the obstructions away, and also tried to force the Diana over, but could not succeed. As night was coming on I did not think it prudent to lay in the Teche, where the enemy could come all around us at night, and fire upon us with musketry and artillery without our being able to see them, so I returned to Brashear City to repair damages and bury the dead. The Cotton made some excellent firing. I received eight shots, three of which were in the hull on the port side, two in my port wheel-house, one in my starboard wheel-house, and two in my port round house. None of them did any material damage or hurt a person on board. The Estrella was touched three times, as was also the Diana. None of us had our machinery touched. The obstructions consist of a steamer called the Fly Catcher, and a schooner loaded with bricks, sunk across the channel, and then live oak thrown in all around. With a land force to protect us on the banks, I could remove the obstructions, I think; but as it is now, with the Cotton firing upon us, and a large force on shore, I think it is exposing my men unnecessarily. The whole rebel force was there, we learned, under General Monson, numbering from three to four thousand men. We cut them up pretty badly, and they have since moved their camp up to Centreville, which is three miles above the obstructions, only keeping their cavalry and artillery below. We were busy all the next day repairing damages. The morning of the 5th I started up again with the Estrella, leaving the other boats to continue their repairs. We drove them off as before, but I did not escape as luckily—a shot from the Cotton striking the port forward struck off my Parrott gun, killing two men almost instantly. Their names are William Cameron and William Hislop. My officers and crew have all behaved excellently. The crews of all the vessels, with the exception of the Diana's, (who are volunteers from the frigate Mississippi,) and ten men on board the Estrella from the Pensacola, have been shipped in New Orleans, and all have behaved well. On the

6th, Acting Master Weeks, in command of the Diana, while cruising in Grand lake, heard of some cotton, which he went after and brought to this place. It was taken at the request of the agent, (a Mr. Todd,) who represents himself as a Union man, to prevent the rebels from burning it. I would respectfully wish to know what disposition is to be made of it. There are two hundred and fifty-five bales. The owners are represented as Union men also, and live in Franklin. The next day I started Acting Master Wiggins in the Kingsman, taking along with him the Seger, to capture two steamers which I had heard of. After some trouble he succeeded in finding them stowed away in a small bayou called Bayou Cheval, about nine miles from Grand lake. The steamers he found to be almost useless, one of them (the Osprey) having no wheel, and part of her machinery gone, and the other one (the J. P. Smith) all rotten. He found it impossible to get them out, they having been run hard ashore; and upon consulting with my chief engineer, whom I had sent along, as to the possibility of their being repaired, he concluded to burn them. He was also induced to burn them from the fact that he found a gang on board making bowie knives and moulding buckshot and bullets, and also found an order to the captain to burn them if the Yankees came up. He took the captain of the Smith and a Captain Caldwell, who commanded a company about there, with his gang, prisoners, all of which I have turned over to Colonel McMillan.

The Cotton is in such a position that she cannot escape. She cannot go much further up the Teche, and she cannot get out. I keep boats running up and down there every day; but I have given orders not to engage her unless there is some prospect of success, as we are all rather short of ammunition, particularly Parrott, as we have to use our bow guns most all the time. From the best information I have been able to gain, we have, so far, struck her various times, but our shot glance off her iron casing. I saw this myself the other day. We have had her on fire three times—once by the Kinsman, and twice by this ship. So far as we have been able to learn, we have killed four men on board and wounded several, and also killed and wounded a number on shore the first day, and killed one two days afterwards. I intend to try her again by sending the two light draught vessels around into Grand lake to get in her rear, while I go up and engage her in front. I think they can get within a mile of her, but they will have to fire over woods. We received a small supply of ammunition to-day, but not enough, as the rebels are beginning to be troublesome on the banks of the river and the Teche. There was a large lot sent out, but through some carelessness the train was blown up.

The rebels, on leaving this place, destroyed a great deal of sugar and burnt up over one hundred cars.

The planters here have almost all deserted their plantations and taken their negroes with them.

I forgot to mention that I also had a man—Frank Bein, ordinary seaman—killed on the 5th, by the premature explosion of a Dahlgren shell from a 24-pounder howitzer, on board of the Estrella. The Estrella was a little astern of me, and the Teche being very narrow, she was obliged to fire very near over my quarter-deck. A piece of shell struck him in the back and killed him nearly instantly. As the channel is very narrow and intricate in coming through the bay, I would respectfully request to know if I could have authority to have it staked out and the buoys placed, most of which are here. The pilots are the only persons I would have to employ. Vessels of seven feet draught could then enter.

I am, very respectfully, your obedient servant,

THS. McKEAN BUCHANAN,

Lieutenant Commander, United States Navy.

Rear Admiral DAVID G. FARRAGUT,

Commanding Western Gulf Blockading Squadron,

Flag-Ship Hartford, New Orleans.

WESTERN FLOTILLA.

Flag-Officer Foote's report of a reconnoissance down the Mississippi river.

CAIRO, Illinois, January 7, 1862.

SIR: I have telegraphed the department already that to-day I have made a reconnoissance down the river, within the range of the batteries of Columbus, taking with me the Essex, Captain Porter, the Lexington, Lieutenant Commanding Shirk, and the Taylor, Captain Walke. Colonel Webster, of the engineer corps, also accompanied us, while a squadron of cavalry, on the Missouri side, proceeded at the same time toward Belmont.

I ran down within range of the rebel batteries, but the enemy did not open fire. My object was fully attained in seeing the river down to the point we [reached] clear of sub-marine batteries and other obstacles. I did not consider it policy to open fire on the batteries, as we had not the force to attempt to carry them, which would have induced the rebels to claim a victory if we had retired after first opening, upon them. One of their gunboats, which we had driven down the river, followed us up on our return. I fired at her and then gave chase, compelling her to return to Columbus, after an exchange of two or three shots, one of which was fired from the Columbus batteries when we were some twelve or fifteen hundred yards further off than we were when first running down to examine the river.

The object of the reconnoissance was satisfactorily accomplished in all respects, showing that the rumors of obstacles being in the river and dangerous torpedoes, are unfounded, at least, until within range of the rebel batteries.

I have the honor to be, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES, *Secretary of the Navy.*

Flag-Officer Foote's report of condition of gunboats, enclosing telegram of the 11th.

CAIRO, Ill., January 12, 1862.

SIR: I sent a telegram to the department yesterday, a copy of which is enclosed. I had given Commander Porter instructions to keep near and protect the advanced brigade of General McClelland, and there remain until I should join him with the Taylor to-day, or to-morrow. But early yesterday morning, the rebel gunboats coming up from Columbus and opening upon our boats, brought on the little engagement which resulted in the rebel boats rapidly retreating under their batteries at Columbus.

As we are getting stores, &c., aboard the remaining gunboats, preparatory to putting them in commission, I necessarily spend all my time in looking after these boats, which is not required in looking after our interests down the river. We are now in immediate want of a thousand men for the gunboats. In the meantime, I am getting the boats into the middle of the river and putting their ordnance and other equipments and stores on board, and by the 20th instant expect to have all the gunboats in commission, although with but one-third of a crew to each boat. I trust that this deficiency will be supplied by men from the east, before the 20th instant.

I have the honor to be, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES, *Secretary of the Navy.*

[Telegram.]

UNITED STATES GUNBOAT TAYLOR,
Mississippi, below Cairo, January 11, 1862.

SIR: Yesterday, as reported to the department, I sent Captain Porter, with the Essex, and Lieutenant Commanding Paulding, with the St. Louis, down the river to protect the advance brigade under General McClelland, and also have sent two other gunboats up the Tennessee river. This morning three rebel gunboats came up from Columbus, and opened the attack on the Essex and St. Louis at long range, and for twenty minutes the fire was very brisk between the five boats engaged, when the rebel boats retreated, but a running fire was continued for an hour until the rebel boats were driven behind their batteries at Columbus. Captain Porter believes that one of the rebel boats was disabled.

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES, *Secretary of the Navy.*

Letter from Flag-Officer Foote, enclosing report of Commander W. D. Porter, of the gunboat Essex.

CAIRO, January 13, 1862.

SIR: I forward a report from Commander Porter. The rebel gunboat shells all fell short of our boats, while our shells reached and ranged beyond their boats—showing the greater range of our guns, but the escape of the rebels showed the greater speed of their boats.

I have the honor to be, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES, *Secretary of the Navy.*

UNITED STATES GUNBOAT ESSEX,
Fort Jefferson, January 13, 1862.

SIR: On the morning of the 11th General McClelland sent on board this vessel and informed me that the enemy were moving up the river from Columbus with several vessels, towing up a battery. I immediately signalled Lieutenant Commanding Paulding, of the St. Louis, to get under way and prepare for action. A very thick fog coming on, we were compelled to steam slowly down the river, but about 10 o'clock, or a little after, it rose, and showed us a large steamer at the head of Lucas's bend. We heard her whistle the moment we were seen by them. Shortly after whistling she was joined by another large and a small steamer. We pursued our course steadily down the river, and when within long range the large steamer fired a heavy shell gun, which struck the sand bar between us, and ricocheted within about two hundred yards of this vessel and burst. We at this time did not return the fire, but continued our course down in order to near the vessel. By this time the large steamer was joined by her consorts, and they opened a brisk fire upon us. I now hailed Lieutenant Commanding Paulding, and directed him to try one of his rifle cannon. He instantly fired, and sent his shot completely over the enemy. I then opened from my bow guns, and the action became brisk on both sides for about twenty minutes, the enemy firing by broadsides. At the end of this time the enemy hauled off, and stood down the river, rounding to occasionally and giving us broadsides. This running fight continued until he reached the shelter

of his batteries on the Iron bank above Columbus. We continued the action and drove him behind their batteries in a crippled condition, as we could distinctly see our shell explode on his decks. The action lasted over an hour, and terminated, as I think, in a complete defeat of the enemy's boats, superior in size and number of guns to the Essex and St. Louis. On the 12th General McClelland requested me to make a reconnoissance towards the Iron banks. I did so, and offered the enemy battle by firing a round shot at their battery, but they did not respond, nor did I see anything of their boats. I have since been informed through the general that the boats of the enemy were completely disabled, and the panic became so great at the Iron banks that the gunners deserted their guns.

The fire of the St. Louis was precise, and the shot told well. The officers and men of this vessel behaved with firmness—Mr. Riley, our first master, carrying out all my orders strictly, while the officers of the gun divisions, Messrs. Laning and Ferry, paid particular attention to the pointing of their respective guns. Mr. Brittan, my aid, paid all attention to my orders and conveyed them correctly and with alacrity. In fact, all the officers and men on board behaved like veterans.

I have the honor to be, &c.,

W. D. PORTER, *Commander.*

Flag-Officer A. H. FOOTE.

Flag-Officer Foote's report of his arrival at Paducah with gunboats, enclosing special orders to commanders of gunboats.

UNITED STATES GUNBOAT TAYLOR,
Paducah, February 3, 1862.

SIR: I have the honor to inform you that I left Cairo yesterday with this vessel, having ordered the armored gunboats Essex, Carondelet, Cincinnati, and St. Louis to precede me to Paducah, and arrived here last evening.

To-day I purpose ascending the Tennessee river with the four new armored boats and the old gunboats Taylor, Conestoga, and Lexington, in convoy of the troops under General Grant, for the purpose of conjointly attacking and occupying Fort Henry and the railroad bridge connecting Bowling Green with Columbus. The transports have not yet arrived, although expected last night from Cairo, which causes detention; while in the meantime, unfortunately, the river is falling. I am ready with the seven gunboats to act offensively whenever the army is in condition to advance, and have every confidence, under God, that we shall be able to silence the guns at Fort Henry and its surroundings, notwithstanding I have been obliged, for want of men, to take from the five boats remaining at Cairo all the men, except a sufficient number to man one gunboat for the protection of that important post.

I have left Commander Kilty as senior officer in charge of the guns and mortar boats at Cairo, ordering him, with the assistance of Fleet Captain Pennock, to use every effort in obtaining more men and forwarding the early equipment of the mortar boats. It is peculiarly unfortunate that we have not been able to obtain men for the flotilla, as they only are wanting to enable me to have at this moment eleven full-manned, instead of seven partially manned, gunboats ready for efficient operations at any point. The volunteers from the army to go in the gunboats exceed the number of men required, but the derangement of companies and regiments, in permitting them to leave, is the reason assigned for not more than fifty of the number having been thus far transferred to the flotilla.

I enclose a copy of my orders to the commanders of the gunboats, in anticipation

of the attack on Fort Henry ; also, a copy of orders to Lieutenant Commanding Phelps, who will have more especial charge of the old gunboats, and operate in a less exposed condition than the armored boats.

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

P. S.—Several transports with troops have just arrived. I proceed up the Tennessee early in the morning, and will there make the Cincinnati my flag-ship.

A. H. F.

SPECIAL ORDER.

UNITED STATES GUNBOAT TAYLOR,

Ohio River, February 2, 1862.

The captains of the gunboats, before going into action, will always see that the hoods covering the gratings of the hatches at the bows, and sterns, and elsewhere, are taken off ; otherwise, great injury will result from the concussion of the guns in firing. The anchors, also, must be unstocked, if they interfere with the range of the bow guns.

In attacking the fort, the first order of steaming will be observed, as, by the vessels being parallel, they will be much less exposed to the enemy's range than if not in a parallel line, and by moving ahead or astern, which all the vessels will do by following the motions of the flag-ship, it will be difficult for the enemy to get an accurate range of the gunboats.

Equal distances from one another must be observed by all the vessels in action. The flag-ship will, of course, open the fire first, and then others will follow when good sight of the enemy's guns in the fort can be obtained. There must be no firing until correct sights can be obtained, as this would not only be throwing away ammunition, but it would encourage the enemy to see us firing wildly and harmlessly at the fort. The captains will enforce upon their men the absolute necessity of observing this order ; and let it be also distinctly impressed on the mind of every man firing a gun, that, while the first shot may be either of too much elevation or too little, there is no excuse for a second wild fire, as the first will indicate the inaccuracy of the aim of the gun, which must be elevated, or depressed, or trained, as circumstances require. Let it be reiterated that random firing is not a mere waste of ammunition, but, what is far worse, it encourages the enemy when he sees shot and shell falling harmlessly about and beyond him.

The great object is to dismount the guns in the fort by the accuracy of our fire, although a shell in the meantime may occasionally be thrown in among a body of the enemy's troops. Great caution will be observed lest our own troops be mistaken for the enemy.

When the flag-ship ceases firing, it will be a signal for the other vessels also to cease, as the ceasing of fire will indicate the surrender, or the readiness to surrender, the fort. As the vessels will all be so near one another, verbal communication will be held with the commander-in-chief when it is wanted. The commander-in-chief has every confidence in the spirit and valor of officers and men under his command, and his only solicitude arises lest the firing should be too rapid for precision, and that coolness and order, so essential to complete success, should not be observed ; and hence he has, in this general order, expressed his views, which must be observed by all under his command.

A. H. FOOTE,

Flag-Officer commanding Naval Forces on Western Waters.

SPECIAL ORDER No. 2.

UNITED STATES GUNBOAT TAYLOR,
Ohio River, February 2, 1862.

The division of the three gunboats not armed, and, consequently, not prepared to encounter at so short a range the batteries of the fort as the four armed boats, will take a position astern, and, if practicable, inshore of the right of the main division. Lieutenant Commanding Phelps, in charge of this division, from his great experience and successful charge of our interest for most of the time on the Tennessee and Cumberland rivers, will, I trust, be enabled to throw shells into Fort Henry, with no greater exposure to his division, comparatively, than to that of the armored boats, while the main division, more directly in the face of the fort, attempts to dismount its guns in close range by a more direct fire. The captains of this division will also see that no gun is fired without accurate aim, as we have no ammunition to throw away; but, what would be far worse, rapid, random, harmless firing would encourage the enemy to a more determined resistance.

Great care must be observed lest our troops should be mistaken for the enemy. When the main division ceases firing, it will be an indication that the fort is ready to surrender.

A. H. FOOTE,
Flag-Officer commanding Naval Forces on Western Waters.

SPECIAL ORDER No. 3.

UNITED STATES GUNBOAT TAYLOR,
Paducah, February 2, 1862.

Lieutenant Commanding Phelps will, as soon as the fort shall have surrendered, and upon signal from the flag-ship, proceed with the Conestoga, Taylor, and Lexington up the river to where the railroad bridge crosses, and if the army shall not already have got possession, he will destroy so much of the track as will entirely prevent its use by the rebels.

He will then proceed as far up the river as the stage of water will admit, and capture the enemy's gunboats, and other vessels which might prove available to the enemy.

A. H. FOOTE,
Flag-Officer commanding Naval Forces in the Western Waters.

Flag-Officer Foote's report of attack on Fort Henry, February 6, 1862.

CAIRO, ILL., February 7, 1862.

SIR: I have the honor to report that on the 6th instant, at 12½ o'clock p. m., I made an attack on Fort Henry, on the Tennessee river, with the iron-clad gunboats Cincinnati, Commander Stembel; the flag-ship Essex, Commander Porter; the Carondelet, Commander Walke, and St. Louis, Lieutenant Commanding Paulding; also taking with me the three old gunboats Conestoga, Lieutenant Commanding Phelps; the Taylor, Lieutenant Commanding Gwinn, and the Lexington, Lieutenant Commanding Shirk, as a second division, in charge of Lieutenant Commanding Phelps, which took position astern and

inshore of the armored boats, doing good execution there in the action, while the armored boats were placed in the first order of steaming, approaching the fort in a parallel line.

The fire was opened at seventeen hundred yards distance from the flag-ship, which was followed by the other gunboats, and responded to by the fort. As we approached the fort under slow steaming till we reached within six hundred yards of the rebel batteries, the fire, both from the gunboats and forts, increased in rapidity and accuracy of range. At twenty minutes before the rebel flag was struck, the Essex, unfortunately, received a shot in her boilers, which resulted in the wounding, by scalding, of twenty-nine officers and men, including Commander Porter, as will be seen in the enclosed list of casualties. The Essex then necessarily dropped out of line, astern, entirely disabled, and unable to continue the fight, in which she had so gallantly participated until the sad catastrophe. The firing continued with unabated rapidity and effect upon the three gunboats, as they continued still to approach the fort with their destructive fire until the rebel flag was hauled down, after a severe and closely-contested action of one hour and fifteen minutes.

A boat, containing the adjutant general and captain of engineers, came alongside after the flag was lowered, and reported that General Lloyd Tilghman, the commander of the fort, wished to communicate with the flag-officer, when I despatched Commander Stembel and Lieutenant Commanding Phelps, with orders to hoist the American flag where the secession ensign had been flying, and to inform General Tilghman that I would see him on board the flag-ship. He came on board soon after the Union had been substituted by Commander Stembel for the rebel flag on the fort, and possession taken.

I received the general, his staff, and some sixty or seventy men as prisoners, and a hospital ship containing sixty invalids, together with the fort and its effects, mounting twenty guns, mostly of heavy calibre, with barracks and tents capable of accommodating fifteen thousand men, and sundry articles, which, as I turned the fort and its effects over to General Grant, commanding the army, on his arrival in an hour after we had made the capture, he will be enabled to give the government a more correct statement of than I am enabled to communicate from the short time I had possession of the fort. The plan of the attack, so far as the army reaching the rear of the fort to make a demonstration simultaneously with the navy, was frustrated by the excessively muddy roads and high stage of water preventing the arrival of our troops until some time after I had taken possession of the fort.

On securing the prisoners and making necessary preliminary arrangements, I despatched Lieutenant Commanding Phelps, with his division, up the Tennessee river, as I had previously directed, and as will be seen in the enclosed orders to him to remove the rails, and so far render the bridge incapable of railroad transportation and communication between Bowling Green and Columbus, and afterward to pursue the rebel gunboats, and secure their capture, if possible. This being accomplished, and the army in possession of the fort, and my services being indispensable at Cairo, I left Fort Henry in the evening of the same day, with the Cincinnati, Essex, and St. Louis, and arrived here this morning.

The armored gunboats resisted effectually the shot of the enemy when striking the casemate. The Cincinnati (flag-ship) received thirty-one shots; the Essex fifteen; the St. Louis seven, and the Carondelet six—killing one, and wounding nine in the Cincinnati, and killing one in the Essex; while the casualties in the latter from steam amounted to twenty-eight in number. The Carondelet and St. Louis met with no casualties.

The steamers were admirably handled by their commanders and officers, presenting only their bow guns to the enemy, to avoid exposure of the vulnerable parts of their vessels. Lieutenant Commanding Phelps, with his division, also executed my orders very effectually, and promptly proceeded up the river in

their further execution, after the capture of the fort. In fact, all the officers and men gallantly performed their duty; and, considering the little experience they have had under fire far more than realized my expectations.

Fort Henry was defended with the most determined gallantry by General Tilghman, worthy of a better cause, who, from his own account, went into action with eleven guns of heavy calibre bearing upon our boats, which he fought until seven of the number were dismounted or otherwise rendered useless.

I have the honor to be, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,
Secretary of the Navy.

Report of casualties on board the Cincinnati during the bombardment of Fort Henry.

UNITED STATES FLAG-STEAMER CINCINNATI,
February 6, 1862.

SIR: I have the honor to report that the casualties on board this vessel during the bombardment of Fort Henry, from the effects of the enemy's fire, were: Killed, 1; wounded, 9; total, 10.

I am, very respectfully,

R. M. STEMBEL,
Commander, United States Navy.

Flag-Officer A. H. FOOTE,
Commanding United States Naval Forces, Western Waters.

SIR: As Captain Porter is unable to write, he has directed me to send you a list of killed, wounded, and missing on this vessel:

W. D. Porter, commander, scalded; J. H. Lewis, paymaster, scalded; T. P. Terry, third master, scalded, badly; S. B. Brittan, master's mate, killed by cannon shot; James McBride, pilot, killed by scalding; M. H. Ford, pilot, killed by scalding; John Mathews, quartermaster, scalded, badly; A. D. Waterman, captain of forecastle, missing; Henry Gemfer, fireman, missing; Samuel Bayer, fireman, scalded, badly; John Laritz, fireman, missing; James Coffey, seaman, killed by scalding; Dana Wilson, seaman, killed by scalding; J. P. Breas, seaman, killed by scalding; N. McCarty, seaman, scalded; H. Heagan, seaman, scalded; John O'Harra, seaman, scalded; John Costello, seaman, scalded; J. J. Phillip, seaman, scalded; B. Soula, seaman, scalded; James Argus, seaman, scalded; Thomas Willett, seaman, scalded, badly; Benjamin Harrington, seaman, scalded, badly; William O'Brine, seaman, scalded, badly; W. H. Maxay, seaman, scalded, badly; T. Sullivan, seaman, scalded, badly; Thomas Mullen, seaman, scalded, slightly; James Bedard, seaman, missing; H. Reynolds, seaman, missing.

In addition to the above we had nineteen soldiers on board, of whom nine were scalded, and four of these have since died.

Very respectfully, your obedient servant,

ROBERT K. RILEY,
Executive Officer United States Gunboat Essex.

Flag-Officer A. H. FOOTE.

Letter of Flag-Officer Foote, enclosing a list of officers engaged in the capture of Fort Henry.

CAIRO, February 11, 1862.

SIR: As the officers behaved so well in the late action resulting in the capture of Fort Henry, I am disposed to gratify them by sending the accompanying list of officers attached to the different boats engaged in that action.

I leave again to-night with the Louisville, Pittsburg, and St. Louis, for the Cumberland river, to co-operate with the army in the attack on Fort Donelson. I go reluctantly, as we are very short of men, and transferring men from vessel to vessel, as we have to do, is having a very demoralizing effect upon them. Twenty-eight ran off to-day, hearing that they were again to be sent out of their vessels. I do hope that the 600 men will be sent immediately. I shall do all in my power to render the gunboats effective in the fight, although they are not properly manned; but I must go, as General Halleck wishes it. If we could wait ten days, *and I had men*, I could go with eight mortar boats and six armored boats.

I have the honor to be, &c.,

A. H. FOOTE,
Flag-Officer.

HON. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

List of officers.—Gunboat Cincinnati.

R. N. Stembel, U. S. N., commander; William R. Hoel, first master; Oscar H. Pratt, second master; Charles G. Perkins, third master; John Pearce, fourth master; R. H. Attenborough, pilot; Isaac D. Gaugh, pilot; John Ludlow, surgeon; Baron Proctor, paymaster; William D. McFarland, chief engineer; Samuel H. Lovejoy, first assistant engineer; James Armstrong, second assistant engineer; William J. Shannon, third assistant engineer; James McB. Stembel, master's mate; Philip Shell, master's mate; John R. Hall, U. S. N., acting gunner; Thomas B. Gregory, carpenter; Jacob Vitinger, armorer.

List of officers.—Gunboat Conestoga.

S. L. Phelps, U. S. N., lieutenant commanding; John A. Duble, first master; Charles P. Noble, second master; Benjamin Sebastian, third master; Richard H. Cutter, fourth master; Aaron M. Jordan, pilot; William Attenborough, pilot; William H. Wilson, assistant surgeon; Alfred Phelps, acting paymaster; Thomas Cook, chief engineer; Alexander Magee, first assistant engineer; Charles Marshall, second assistant engineer; Michael Norton, third assistant engineer; James Kearney, master's mate; Henry Hamilton, U. S. N., acting gunner; Andrew Woodlock, carpenter; James O'Neil, armorer.

List of officers.—Gunboat Essex.

William D. Porter, U. S. N., commander; Robert K. Riley, first master; James Laning, second master; Theodore P. Ferry, third master; George W. Walker, fourth master; James McBride, pilot; Marshall H. Ford, pilot; Thomas Rice, surgeon; Joseph H. Lewis, paymaster; Charles M. Blasdell, chief engineer; R. J. Stearns, first assistant engineer; George D. Simms, second assistant engineer; Jeremiah Wetzel, third assistant engineer; S. B. Britton, master's mate; Matthias B. Snyder, gunner; Thomas Steel, carpenter; — Fletcher, armorer

List of officers.—Gunboat Lexington.

James W. Shirk, U. S. N., lieutenant commanding; Jacob S. Hurd, first master; Martin Dunn, second master; James Fitzpatrick, third master; Sylvester Poole, fourth master; James McCamant, pilot; William Ford, pilot; George W. Garver, assistant surgeon; Augustus F. Taylor, acting paymaster; Samuel Vroom, gunner; Richard Carroll, carpenter; Reuben Story, armorer; ———, master's mate.

List of officers.—Gunboat Taylor.

William Gwin, U. S. N., lieutenant commanding; Edward Shaw, first master; Jason Goudy, second master; James Martin, third master; Patrick McCarty, 4th master; John Sebastian, pilot; David Hiner, pilot; Thomas H. Kearney, assistant surgeon; William B. Coleman, acting paymaster; Samuel Goble, chief engineer; D. Edward Weaver, first assistant engineer; Edward W. Goble, second assistant engineer; Oscar S. Davis, third assistant engineer; Ferdinand T. Coleman, master's mate; Herman Peters, U. S. N., acting gunner; Thomas Russell, carpenter; Elihu Stevens, armorer.

List of officers.—Gunboat St. Louis.

Leonard Paulding, U. S. N., lieutenant commanding; John V. Johnson, first master; James Y. Clemson, second master; Charles S. Kendrick, third master; Alexander Fraser, fourth master; John B. McDill, assistant surgeon; Llewellyn Curry, acting paymaster; Frank A. Riley, pilot; Robert G. Baldwin, pilot; William Carswell, chief engineer; T. F. Ackerman, first assistant engineer; James L. Smith, second assistant engineer; John Wilcoxsen, third assistant engineer; Sydney H. McAdam, master's mate; James P. Paulding, master's mate; John A. McDonald, U. S. N., acting gunner; Robert H. Medill, carpenter; ——— Sypher, armorer.

List of officers.—Gunboat Carondelet.

Henry Walke, U. S. N., commander; Richard M. Wade, first master; John Doherty, second master; Charles C. Gray, third master; Henry A. Walke, fourth master; William Hinton, pilot; Daniel Weaver, pilot; James S. McNeely, assistant surgeon; George J. W. Nexsen, acting paymaster; William H. Faulkner, chief engineer; Charles H. Caven, first assistant engineer; Samuel S. Brooks, second assistant engineer; Augustus F. Crowell, third assistant engineer; Theodore L. Gillmore, master's mate; Edward E. Brennand, master's mate; Richard Adams, gunner; Oliver Donaldson, carpenter; H. H. Rhodes armorer.

Flag-Officer Foote's letter, enclosing report of Lieutenant Commanding Phelps, of the Conestoga, of attack on Fort Henry.

CUMBERLAND RIVER, February 15, 1862.

SIR: I herewith enclose the report of Lieutenant Commanding S. L. Phelps, commanding the 2d division in the attack on Fort Henry on the 6th instant, which should have been forwarded with my despatches communicating to the department the capture of that fort.

I have the honor to be, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES GUNBOAT CONESTOGA,
Fort Henry, Tennessee, February 6, 1862.

SIR: In conformity with your directions, the division of gunboats under my command, consisting of the Taylor, Lieutenant Commanding Gwin; Lexington, Lieutenant Commanding Shirk, and this vessel, in the attack of this morning on this work, took up a position upon the left bank of the river, and opened fire with shells immediately after your first gun was fired, and continued firing until the rebel flag was hauled down, having succeeded in throwing shells without firing over your flag-ship, or over the other iron-plated boats in close contact with the fort. There were fired from this vessel seventy-five 32-pounder shells, fourteen 12-pounder rifled shells, and two round shot. No injury was done to either of the vessels, and no casualties occurred, though we were at times exposed to the ricochet of the close fire upon your vessel, as well as to the direct fire of a 32-pounder rifled piece until it burst. The commanders of the Taylor and Lexington handled their vessels with excellent judgment. I enclose their reports. The officers and crew of this vessel displayed coolness and an admirable spirit in this action.

I am, respectfully, your obedient servant,

S. L. PHELPS,
Lieutenant Commanding, United States Navy.

Flag-Officer A. H. FOOTE, U. S. N.,
Commanding Naval Forces, Western Waters.

Letter from Flag-Officer Foote, forwarding Lieutenant Commanding Phelps's report of operations on the Tennessee river.

UNITED STATES FLAG-STEAMER ST. LOUIS,
Paducah, February 12, 1862.

SIR: I have the honor and high gratification to forward to the department the official report of Lieutenant Commanding Phelps, by which it will be seen that he has, with consummate skill, courage, and judgment, performed a highly beneficial service to the government, which, I doubt not, will appreciate it. I cannot too highly commend the conduct of Lieutenant Commanding Phelps for this his signal service in his long cruise to the head of navigation on the Tennessee river.

I am now, with three iron-clad steamers, ascending the Cumberland river, to co-operate with General Grant in an attack on Fort Donelson. Lieutenant Commanding Phelps, with his division, accompanies me.

In great haste, I have the honor to be, your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,
Secretary of the Navy.

Lieutenant Commanding Phelps's report of operations on the Tennessee river.

UNITED STATES GUNBOAT CONESTOGA,
Tennessee River, February 10, 1862.

SIR: Soon after the surrender of Fort Henry, on the 6th instant, I proceeded, in obedience to your order, up the Tennessee river, with the Taylor, Lieutenant Commanding Gwin; Lexington, Lieutenant Commanding Shirk, and this vessel

forming a division of the flotilla, and arrived after dark at the railroad crossing, twenty-five miles above the fort, having on the way destroyed a small amount of camp equipage abandoned by the flying rebels. The draw of the bridge was found closed, and the machinery for turning it disabled. About a mile and a half above were several rebel transport steamers escaping up stream.

A party was landed, and in one hour I had the satisfaction to see the draw open. The Taylor being the slowest of the gunboats, Lieutenant Commanding Gwin landed a force to destroy a portion of the railroad track and to secure such military stores as might be found, while I directed Lieutenant Commanding Shirk to follow me with all speed in chase of the fleeing boats. In five hours this boat succeeded in forcing the rebels to abandon and burn three of their boats loaded with military stores. The first one fired (Samuel Orr) had on board a quantity of submarine batteries, which very soon exploded. The second one was freighted with powder, cannon, shot, grape, balls, &c. Fearing an explosion from the fired boats—there were two together—I had stopped at a distance of one thousand yards; but even there our skylights were broken by the concussion, the light upper deck was raised bodily, doors were forced open, and locks and fastenings everywhere broken.

The whole river, for half a mile round about, was completely "beaten up" by the falling fragments and the shower of shot, grape, balls, &c. The house of a reported Union man was blown to pieces, and it is suspected there was design in landing the boats in front of the doomed home. The Lexington having fallen astern, and being without a pilot on board, I concluded to wait for both of the boats to come up. Joined by them, we proceeded up the river. Lieutenant Commanding Gwin had destroyed some of the trestle-work at the end of the bridge, burning with them a lot of camp equipage. I. N. Brown, formerly a lieutenant in the navy, now signing himself "Lieut. C. S. N.," had fled with such precipitation as to leave his papers behind. These Lieutenant Commanding Gwin brought away, and I send them to you, as they give an official history of the rebel floating preparations on the Mississippi, Cumberland, and Tennessee. Lieutenant Brown had charge of the construction of gunboats.

At night on the 7th we arrived at a landing in Hardin county, Tennessee, known as Cerro Gordo, where we found the steamer Eastport being converted into a gunboat. Armed boat crews were immediately sent on board, and search made for means of destruction that might have been devised. She had been scuttled and the suction-pipes broken. These leaks were soon stopped. A number of rifle shots were fired at our vessels, but a couple of shells dispersed the rebels. On examination I found that there were large quantities of timber and lumber prepared for fitting up the Eastport; that the vessel itself—some 280 feet long—was in excellent condition, and already half-finished; considerable of the plating designed for her was lying on the bank, and everything at hand to complete her. I therefore directed Lieutenant Commanding Gwin to remain with the Taylor to guard the prize and to load the lumber, &c., while the Lexington and Conestoga should proceed still higher up.

Soon after daylight on the 8th we passed Eastport, Mississippi; and at Chickasaw, further up, near the State line, seized two steamers, the Sallie Wood and Muscle—the former laid up, and the latter freighted with iron destined for Richmond and for rebel use. We then proceeded on up the river, entering the State of Alabama, and ascending to Florence at the foot of the Muscle Shoals. On coming in sight of the town three steamers were discovered, which were immediately set on fire by the rebels. Some shots were fired from the opposite side of the river below. A force was landed, and considerable quantities of supplies, marked "Fort Henry," were secured from the burning wrecks. Some had been landed and stored. These I seized, putting such as we could bring away on our vessels, and destroying the remainder. No flats or other craft

could be found. I found, also, more of the iron and plating intended for the Eastport.

A deputation of citizens of Florence waited upon me, first desiring that they might be made able to quiet the fears of their wives and daughters with assurances from me that they would not be molested; and secondly, praying that I would not destroy their railroad bridge. As for the first, I told them we were neither ruffians nor savages, and that *we were there to protect from violence and to enforce the law*; and with reference to the second, that if the bridge were away we could ascend no higher, and that it could possess no military importance, so far as I saw, as it simply connected Florence itself with the railroad on the south bank of the river.

We had seized three of their steamers—one the half-finished gunboat—and had forced the rebels to burn six others loaded with supplies; and their loss, with that of the freight, is a heavy blow to the enemy. Two boats are still known to be on the Tennessee, and are doubtless hidden in some of the creeks, where we shall be able to find them when there is time for the search. We returned, on the night of the 8th, to where the Eastport lay. The crew of the Taylor had already gotten on board of the prize an immense amount of lumber, &c. The crews of the three boats set to work to finish the undertaking, and we have brought away probably 250,000 feet of the best quality of ship and building lumber, all the iron, machinery, spikes, plating, nails, &c., belonging to the rebel gunboats, and I caused the mill to be destroyed where the lumber had been sawed.

Lieutenant Commanding Gwin had, in our absence, enlisted some twenty-five Tennesseans, who gave information of the encampment of Colonel Drew's rebel regiment at Savannah, Tennessee. A portion of the six or seven hundred men were known to be "pressed" men, and all were badly armed. After consultation with Lieutenants Commanding Gwin and Shirk, I determined to make a land attack upon the encampment. Lieutenant Commanding Shirk, with thirty riflemen, came on board the Conestoga, leaving his vessel to guard the Eastport, and, accompanied by the Taylor, we proceeded up to that place, prepared to land 130 riflemen and a twelve-pounder rifle howitzer. Lieutenant Commanding Gwin took command of this force when landed, but had the mortification to find the camp deserted.

The rebels had fled at 1 o'clock in the night, leaving considerable quantities of arms, clothing, shoes, camp utensils, provisions, implements, &c., all of which were secured or destroyed, and their winter quarters of log huts were burned. I seized, also, a large mail-bag, and send you the letters giving military information. The gunboats were then dropped down to a point where arms, gathered under the rebel "press-law," had been stored, and an armed party, under Second Master Goudy, of the Taylor, succeeded in seizing about seventy rifles and fowling-pieces. Returning to Cerro Gordo, we took the Eastport, Sallie Wood, and Muscle in tow, and came down the river to the railroad crossing. The Muscle sprang a leak, and all efforts failing to prevent her sinking, we were forced to abandon her, and with her a considerable quantity of fine lumber. We are having trouble in getting through the draw of the bridge here.

I now come to the, to me, most interesting portion of this report—one which has already become lengthy; but I must trust you will find some excuse for this in the fact that it embraces a history of labors and movements, day and night, from the 6th to the 10th of the month, all of which details I deem it proper to give you. *We have met with the most gratifying proofs of loyalty everywhere across Tennessee and in the portions of Mississippi and Alabama we visited. Most affecting instances greeted us almost hourly. Men, women, and children several times gathered in crowds of hundreds, shouted their welcome, and hailed their national flag with an enthusiasm there was no mistaking; it was genuine and heartfelt. Those people braved everything to go to the river*

bank, where a sight of their flag might once more be enjoyed, and they have experienced, as they related, every possible form of persecution. Tears flowed freely down the cheeks of men as well as of women, and there were those who had fought under the stars and stripes at Moultrie who in this manner testified to their joy.

This display of feeling and sense of gladness at our success, and the hopes it created in the breasts of so many people in the heart of the confederacy, astonished us not a little, and I assure you, sir, I would not have failed to witness it for any consideration. I trust it has given us all a higher sense of the sacred character of our present duties. I was assured at Savannah that of the several hundred troops there more than one-half, had we gone to the attack in time, would have hailed us as deliverers, and gladly enlisted with the national force.

In Tennessee the people generally, in their enthusiasm, braved secessionists and spoke their views freely; but in Mississippi and Alabama what was said was guarded. "*If we dared express ourselves freely, you would hear such a shout greeting your coming as you never heard.*" "We know there are many Unionists among us, but a reign of terror makes us afraid of our shadows." We were told, too, "Bring us a small organized force, with arms and ammunition for us, and we can maintain our position and put down rebellion in our midst." There were, it is true, whole communities who, on our approach, fled to the woods; but these were where there was less of the loyal element, and where the fleeing steamers in advance had spread tales of our coming with fire-brands, burning, destroying, ravishing, and plundering.

The crews of these vessels have had a very laborious time, but have evinced a spirit in the work highly creditable to them. Lieutenants Commanding Gwin and Shirk have been untiring, and I owe to them and to their officers many obligations for our entire success.

I am, respectfully, your obedient servant,

S. L. PHELPS,

Lieutenant Commanding, United States Navy.

Flag-Officer A. H. FOOTE, U. S. N.,

Commanding Naval Forces Western Waters.

Flag-Officer Foote's report of attack on Fort Donelson, February 14, with list of casualties.

FLAG-SHIP ST. LOUIS,

Near Fort Donelson, Cumberland River, February 15, 1852.

SIR: I have the honor to report to the department that, at the urgent request of Major General Halleck and General Grant, who regarded the movement as a military necessity, although not, in my opinion, properly prepared, I made an attack on Fort Donelson yesterday, the 14th instant, at 3 o'clock p. m., with four iron-clad and two wooden gunboats, the St. Louis, Carondelet, Louisville, and Pittsburg, and the Taylor and Conestoga. After a severe fight of an hour and a half, being, in the latter part of the action less than four hundred yards from the fort, the wheel of this vessel, by a shot through her pilot-house, was carried away; the tiller-ropes of the Louisville were also disabled by a shot, which rendered the two boats wholly unmanageable, and they drifted down the river, the relieving tackles not being able to steer or control them in the rapid current. The two remaining boats, the Pittsburg and Carondelet, were also greatly damaged between wind and water, and soon followed us as the enemy rapidly renewed the fire as we drifted helplessly down the river. This vessel, the St. Louis, alone received fifty-nine shots, four of them between wind and

water; one in the pilot-house, mortally wounding the pilot; and others, requiring some time to put her in repair. There were fifty-four killed and wounded in this attack, which, notwithstanding our disadvantages, we have every reason to suppose would, in fifteen minutes more, could the action have been continued, have resulted in the capture of the two forts bearing upon us. The enemy's fire had materially slackened, and he was running from his batteries, when the two gunboats helplessly drifted down the river from disabled steering apparatus, as the relieving tackles could not control the helm in the strong current, when the fleeing enemy returned to their guns and again boldly reopened fire upon us from the river batteries which we had silenced.

The enemy must have brought over twenty heavy guns to bear upon our boats from the water batteries and the main fort on the side of the hill, while we could only return the fire with twelve bow-guns from the four boats. One rifle gun aboard the *Carondelet* burst during the action.

The officers and men in this hotly-contested but unequal fight behaved with the greatest gallantry and determination, all deploring the accident which rendered two gunboats suddenly helpless in the narrow river and swift current.

On consultation with General Grant and my own officers, as my services, until we can repair damages by bringing up a competent force from Cairo to attack the fort, are much less required here than they are at Cairo, I shall proceed to that point with two of the disabled boats, leaving the two others here to protect the transports, and, with all despatch, prepare the mortar boats and the *Benton*, with other boats, to make an effectual attack upon Fort Donelson.

I have sent the *Taylor* to the Tennessee river to render impassable the bridge, so as to prevent the rebels at Columbus re-enforcing their army at Fort Donelson. I am informed that the rebel batteries were served with the best gunners from Columbus. I transmit herewith a list of casualties.

Very respectfully, your obedient servant,

A. H. FOOTE,

Flag-Officer, Commanding United States Naval Forces, Western Waters.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Casualties.

St. Louis.—Killed: Charles W. Baker, ship's cook; F. A. Riley, pilot. Wounded: Flag-Officer A. H. Foote; R. G. Baldwin, pilot; Charles Smith, boatswain's mate; R. H. Medill, carpenter; Antonio Calderio, Thomas Kirkham, W. S. Coon, and Jno. Thompson, seamen.

Carondelet.—Killed: Albert Richardson, Joseph G. Laycock, Albert Markham, and William Duff, seamen. Wounded: William Hinton, pilot, (since dead;) Samuel Brooks, 2d assistant engineer; John Doherty, second master; Thomas Brown, captain of gun; Richard Mahoney, quartermaster; Jno. McBride, ship's cook; Owen Canty, James Plant, James Brown, Patrick Laughlin, Edward Green, Owen Conly, Henry Smith, Patrick Sullivan, John Owen, William B. Roney, James McFadden, Jno. Diamond, Amos Dutch, Richard O'Brien, William Johnson, Patrick O'Brien, William Thielman, Benjamin Edger, Henry Anderson, Daniel F. Charles, John Doughty, John Murphy, John McConnell, seamen.

Pittsburg.—Wounded: Charles Merwin and George Smith, seamen.

Louisville.—Killed: James Curtiss, E. W. Avilla, Charles Billips, and John Williams, seamen. Wounded: Michael Kelley, E. S. Collins, William Higgins, John Paul, Charles Might.

Flag-Officer Foote reports leaving for Clarksville, &c.

CAIRO, *February 17, 1862.*

SIR: I forwarded a despatch this morning, announcing the fall or capture of Fort Donelson by the army.

I leave immediately, with a view of proceeding to Clarksville with eight mortar boats and two iron-clad boats, with the Conestoga, (wooden boat,) as the river is rapidly falling. The other iron-clad boats are badly cut up and require extensive repairs. I have sent one of the boats already since my return, and ordered a second to follow me, which with eight mortar boats I hope to carry Clarksville.

I have no further information than that communicated by telegram this morning. Enclosed are papers from Commanders Walke and Dove, referring to matters the day before and the day after an attack upon Fort Donelson, which fort we sadly disabled in the fight of the 14th.

My foot is much inflamed; but with care, the surgeon considers, will soon be better, as I have two days' rest on board the Conestoga, before reaching Clarksville. I leave Fleet-Captain Pennock in charge, who is performing excellent service; but we are sadly in want of men. I have ordered 150 carpenters to repair damages.

The department will please excuse this hasty communication, as I must leave immediately, and every moment of my time is occupied.

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE, *Flag-Captain.*

Hon. GIDEON WELLES,

Secretary of the Navy.

P. S.—I have ordered Lieutenant Sanford, on his return with the ammunition steamers now at Cincinnati, to inform the ordnance department of the loss or disabling of one gun and gun-carriage. Please inform that department.

A. H. F.

UNITED STATES GUNBOAT CARONDELET,
Near Fort Donelson, Cumberland River, February 15, 1862.

SIR: I arrived here (towed by the Alps) on the 12th instant, about 11.20 a. m., and seeing or hearing nothing of our army, I threw a few shells into Fort Donelson to announce my arrival to General Grant, as he had previously desired. I then dropped down the river a few miles and anchored for the night, awaiting General Grant's arrival. On the morning of the 13th instant I weighed anchor and came again to this place, when I received a despatch from General Grant, notifying me of his arrival the *day before*, "and succeeded in getting position almost entirely investing the enemy's works. Most of our batteries (he writes) are established, and the remainder soon will be. If you will advance with your gunboats at 10 o'clock a. m., we will be ready to take advantage of our division in our favor." I immediately complied with these instructions by throwing some 139 15" and 10" shells into the fort, receiving, in return, the enemy's fire from all their batteries, most of their shot passing over us, and but two striking us, one of which was a 128-pound solid. It passed through our port casemate forward, glancing over our barricade at the boilers, and again over the steam-drum, it struck and bursting our steam-heater, fell into the engine-room without striking any person, although the splinters wounded slightly some half dozen of the crew. I then dropped down to this anchorage, but the sound of distant

firing being heard, we again attacked the fort throwing in some 45 shell and receiving but little damage.

I returned to this place to wait for further orders, when I received a second despatch from General Grant that you were expected in the following morning.

I am, sir, most respectfully, your obedient servant,

H. WALKE,

Commander, United States Navy.

Flag-Officer A. H. FOOTE,

Commanding United States Naval Forces, Western Waters, Cairo, Ill.

UNITED STATES GUNBOAT LOUISVILLE,

Off Dover, February 16, 1862.

SIR: At 2½ p. m., yesterday, shortly after your departure, I received the enclosed despatch (No. 1) from General Grant.

It seemed of so much importance for us to keep up a show of force that I decided not to accompany the Pittsburg down the river. I immediately went on board the Carondelet and St. Louis, to see their condition and consult with their commanders.

The Carondelet could not well be moved, but I ordered up the St. Louis and followed up with this vessel. The St. Louis threw a few shells, and towards dark both vessels returned to their former anchorage.

At 8½ p. m., yesterday, I received the despatch marked No. 2, and early this morning went on board the vessels to give instructions. The condition of the Carondelet's wounded would not allow them to be moved or the guns to be used. I sent my own and those of the St. Louis on board of one of the transports, and got under way, steaming up towards the batteries at Fort Donelson, both vessels cleared for action.

On approaching near enough, two white flags were seen flying from the upper one. I then stopped the gunboats and proceeded in the tug, with a white flag flying, and landed at the foot of the hill below the fort. I was met by a major, who offered me his sword, which I declined to receive, thinking it most proper to consult with General Grant. I took the major on board the tug, and proceeded up to General Buckner's headquarters, where I found General Wallace and his aids. General Grant arrived about half an hour afterwards. The fort had surrendered, but what the conditions were I was not officially informed.

The transports are all up at Dover, to receive the prisoners. The Carondelet, being most disabled of the gunboats, will go down this afternoon.

I will remain here with this vessel and the St. Louis until further orders, or until the fall of the river compels me to go down. The St. Louis will make a short reconnoissance up the river, at General Grant's suggestion, this afternoon. This vessel will remain off the town.

The Graham arrived to-day with the mortar and gunboat ammunition.

Very respectfully, your obedient servant,

BENJ. M. DOVE, *Commander.*

Flag-Officer A. H. FOOTE,

Commanding Mississippi Flotilla.

Flag-Officer Foote's report of contemplated reconnoissance to Columbus, February 23, enclosing telegram and proclamation.

FLAG-STEAMER CONESTOGA, *February 22, 1862.*

SIR: After having telegraphed for several hours with General Cullum, the chief of General Halleck's staff here, and finding that nothing definite could be ascertained, I ran down here; and to-morrow morning, at 6 o'clock, I go down with General Cullum, and four gunboats and two mortar boats, on an armed reconnoissance to Columbus, to see the condition of things at that point. I am excessively hurried to get ready, and please excuse this letter. I send copy of my first telegram.

I have the honor to be, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,
Secretary of the Navy.

I enclose copy of a telegram sent you yesterday.

A. H. F.

UNITED STATES FLAG-STEAMER CONESTOGA,
Clarksville, Tenn., February 20, 1862.

We have possession of Clarksville. The citizens being alarmed, two-thirds of them have fled, and, having expressed my views and intentions to the mayor and Hon. Cave Johnson, at their request I have issued a proclamation assuring all peaceably-disposed persons that they may with safety resume their business avocations, requiring only the military stores and equipments to be given up, and holding the authorities responsible that this shall be done without reservation.

I left Fort Donelson yesterday, with the Conestoga, Lieutenant Commanding Phelps, and the Cairo, Lieutenant Commanding Bryant, on an armed reconnoissance, bringing with me Colonel Webster, of the engineer corps, and chief of General Grant's staff, who, with Lieutenant Commanding Phelps, took possession of the principal fort and hoisted the Union flag. A Union sentiment manifested itself as we came up the river. The rebels have retreated to Nashville, having set fire, against the remonstrances of the citizens, to the splendid railroad bridge across the Cumberland river.

I return to Fort Donelson to-day for another gunboat and six or eight mortar boats, with which I propose to proceed up the Cumberland. The rebels all have a terror of the gunboats. One of them, a short distance above Fort Donelson, had previously fired an iron rolling mill belonging to Hon. John Bell, which had been used by the rebels.

A. H. FOOTE,

Flag-Officer, Commanding Naval Forces, Western Waters.

Hon. GIDEON WELLES,
Secretary of the Navy.

PROCLAMATION

To the inhabitants of Clarksville, Tennessee.

At the suggestion of the Hon. Cave Johnson, Judge Wisdom, and the mayor of the city, who called upon me yesterday, after our hoisting the Union flag and taking possession of the forts, to ascertain my views and intentions to-

wards the citizens and private property, I hereby announce to all peaceably-disposed persons that neither in their persons nor in their property shall they suffer molestation by me or the naval force under my command, and that they may in safety resume their business avocations with the assurance of my protection.

At the same time I require that all military stores and army equipments shall be surrendered, no part of them being withheld or destroyed; and further, that no secession flag, or manifestation of secession feeling, shall be exhibited; and for the faithful observance of these conditions I shall hold the authorities of the city responsible.

ANDREW H. FOOTE,

Flag-Officer, Commanding Naval Forces, Western Waters.

U. S. FLAG-STEAMER CONESTOGA,

Clarksville, Tenn., February 20, 1862.

Flag-Officer Foote to General Cullum about moving on Nashville.

PADUCAH, *February 21, 1862.*

General Grant and myself consider this a good time to move on Nashville. Six mortar boats and two iron-clad steamers can precede the troops and shell the forts. We were about moving for this purpose, when General Grant, to my astonishment, received a telegram from General Halleck, "Not to let the gunboats go higher than Clarksville." No telegram was sent to me.

The Cumberland is in a good stage of water, and General Grant and I believe we can take Nashville. Please ask General Halleck if we shall do it. We will talk per telegraph, Captain Phelps representing me in the office, as I am still on crutches.

A. H. FOOTE, *Flag-Officer.*

General CULLUM, *Cairo.*

Flag-Officer Foote reports result of reconnoissance to Columbus, Ky., February 23, 1862.

UNITED STATES FLAG-STEAMER CINCINNATI,
Mississippi River, near Columbus, Ky., February 23, 1862.

SIR: I have the honor to report that, in company with General Cullum, chief of General Halleck's staff, with four iron-clad boats, two mortar boats, and three transports, containing one thousand men, I made this day a reconnoissance in force towards Columbus to ascertain its condition; and when near the batteries a flag of truce came out to communicate with us, the result of which will be seen in the enclosed papers. The object of the reconnoissance being attained, and finding that fire from the mortars would lead the enemy to plant guns where they could reach them with their batteries should we again open upon them with a larger number of mortars, I concluded to return to Cairo; and there we must remain until the gun and mortar boats are completed, as otherwise the flotilla will be demoralized for want of time and means to properly prepare for active service. The army will not move without gunboats, yet the gunboats are not in condition to act offensively at present. On this subject I

will soon write more fully. A telegram will be sent the department on my arrival at Cairo, referring to the events of to-day.

I have the honor to be your obedient servant,

A. H. FOOTE,
Flag-Officer, &c.

Hon. GIDEON WELLES,
Secretary of the Navy.

P. S.—Columbus evinces no signs of an evacuation or dismounting guns. The batteries seem to be intact, and we saw great numbers of tents and troops.

A. H. F.

HEADQUARTERS FIRST DIVISION WESTERN DEPARTMENT,
Columbus, Ky., February 22, 1862.

Presuming you would be willing to reciprocate the courtesy shown to the families of officers of the United States army, after the battle of Belmont, in allowing them to visit those officers who were prisoners within my lines, I take the liberty of sending up, under a flag of truce, the families of several of our officers who were captured at Donelson. These are the families of General Buckner, Colonels Hawson and Medeira. They are accompanied by Colonel Russell, Mr. Vance, and Stockdale as escorts; also by Mr. Mass.

Hoping you may find it convenient to send these ladies forward to their husbands, I have the honor to remain, respectfully, your obedient servant,

L. POLK,
Major General Commanding.

The COMMANDING OFFICER UNITED STATES FORCES, *Cairo, Ill.*

UNITED STATES FLAG-STEAMER CINCINNATI,
Mississippi River, near Columbus, Ky., February 23, 1862.

GENERAL: Your letter of the 22d instant, received to-day by the hands of Captain Blake under a flag of truce, *nearly within range of your guns, and in the presence of our armed forces*, at half-past twelve o'clock to-day, will be answered to-morrow by a flag of truce at the same point of the river at which this was received.

Very respectfully, your obedient servant,

ANDREW H. FOOTE,
Flag-Officer Commanding Naval Forces, Western Waters.
GEO. W. CULLUM, *Brig. Gen.,*
Chief of Staff and Engineers, Department of Missouri.

Major General L. POLK,
Commanding at Columbus, Ky.

Lieutenant Commanding Bryant to Flag-Officer Foote, reporting arrival at Nashville, February 25, 1862.

GUNBOAT CAIRO,
Nashville, Tennessee, February 25, 1862.

SIR: Uncertain that my letter of the 23d reached you, I repeat that I departed from Clarksville for this point by the request of Brigadier General

Smith, commanding at Clarksville, and arrived here this morning, preceding seven steamboats, conveying an army commanded by Brigadier General Nelson. The troops landed without opposition. The banks of the river are free from any hostile force. The railroad and suspension bridges here are destroyed.

Very respectfully, your obedient servant,

N. C. BRYANT,
Lieutenant Commanding.

Flag-Officer A. H. FOOTE,
Commanding Flotilla, &c.

Flag-Officer Foote encloses reports of Lieutenants Commanding Gwin and Shirk of attack on Pittsburg, Tennessee, March 1, 1862.

CAIRO, March 3, 1862.

SIR: I have the honor to forward reports made to me by Lieutenants Commanding Gwin and Shirk, of the gunboats Tyler and Lexington, a synopsis of which I telegraphed to you immediately on their receipt. I cannot too highly commend the cautious, judicious, and bold conduct of Lieutenant Commanding Gwin and his command in the service. I have assigned him on the Tennessee river. I regret it is not in my power to go up the Tennessee in person; but the more important attack upon Columbus to-morrow with five gunboats, four mortar boats, in charge of Lieutenant Commanding Phelps, and the regiments, render my presence at that point absolutely necessary.

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer,*
Comd'g U. S. Naval Forces on the Western Waters.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES GUNBOAT TAYLOR,
Savannah, Tennessee, March 1, 1862.

SIR: Having learned that the rebels had occupied and were fortifying a place called Pittsburg, nine miles above, on the right bank of the river, (the best point in the river for that purpose,) I determined to attack them.

At 12 m. the Taylor, followed by the Lexington, Lieutenant Commanding Shirk, proceeded up the river. When within twelve hundred yards of Pittsburg we were opened upon by the rebel batteries, consisting, as well as we could determine, of six or eight field-pieces, some rifled. Getting within one thousand yards, the Taylor and Lexington opened a well-directed fire, and we had the satisfaction of silencing their batteries.

We then proceeded abreast of the place, and, under the cover of grape and canister, landed two armed boats from each vessel, containing, besides their crews, a portion of company "C," Captain Thaddeus Phillips, and company "K," First Lieutenant Jno. T. Rider, of the 32d regiment Illinois volunteers, (sharpshooters.) Second Master Jason Goudy commanded the boats of the Taylor, and Second Master Martin Dunn commanded the boats of the Lexington. The landing was successfully accomplished; and this small force actually drove back the rebels and held them in check until they accomplished their difficult object, which was to discover their real strength and purpose, and to destroy a house in close proximity to where the batteries had been placed.

I found that, in addition to their artillery, they had a force of not less than two regiments of infantry and a regiment of cavalry. In conclusion, I have to state that the result was entirely satisfactory. Their batteries were silenced in a short time, the landing was effected, the house destroyed, and we discovered from their breastworks that they were preparing to fortify strongly this point.

Too much praise cannot be given to Lieutenant Commanding Shirk for the efficient manner in which his vessel was handled. My thanks are due to Captain Phillips, Lieutenant Rider, and their men, for the gallant manner in which, in the face of the enemy, they charged up the hill, drove back and held in check the rebels, until the boats' crews had effected the destruction of the house designated. The officers and men of this vessel behaved with the greatest spirit and enthusiasm. Much praise is due to First Master Edward Shaw and Third Master James Martin for the efficient manner in which the batteries were worked. I would particularly call your attention to the gallant conduct of Second Master Jason Goudy, in charge of the boats in shore, who succeeded in destroying the house under such heavy fire, and Gunner Hermann Peters, in charge of the howitzer, who displayed the greatest coolness and courage, although exposed to the whole fire of the enemy, all but one of his men having been wounded. My thanks are also due to Pilots Herier and Sebastian for their coolness under such a tremendous fire of musketry, our vessel being perfectly riddled with balls. My aid, Acting Paymaster Wm. B. Coleman, rendered me valuable assistance during the action.

I have sent Lieutenant Commanding Shirk to Cairo with the transport *Izetta*, loaded with the balance of the wheat I left at Clifton. I shall remain about here, paying Pittsburg a daily visit, which I hope will prevent the rebels from accomplishing their object. Captain Shirk will lay before you the importance of keeping open this as well as all other points above here.

I have learned from reliable authority that the rebels have some 4,000 troops in Florence, 5,000 or 6,000 in and about Eastport and Iuka, (near Bear Creek bridge,) and that they are fortifying in that vicinity. You will therefore see the necessity of my remaining here.

We expended ninety-five shells, thirty stand of grape, ten of canister, and sixty-seven rounds of shrapnell, grape, &c., from howitzer.

Enclosed is the report of casualties, by Acting Assistant Surgeon T. H. Kearney, to whom I am indebted for his unremitting attention to the wounded. I feel confident that we inflicted a severe loss on the enemy, as several bodies were seen on the ground, and many seen to fall. I also enclose Lieutenant Commanding Shirk's report.

Hoping that my course will meet your approbation, I have the honor to be, &c.,
WM. GWIN,

Lieut. Commanding Division of Gunboats on Tennessee River.
Flag-Officer A. H. FOOTE,
Commanding Naval Forces in Western Waters.

List of casualties sustained in the action at Pittsburg, Tennessee, March 1, 1862.

On the gunboat *Taylor*: Pleasant Gilbert, seaman, gunshot wound of leg, necessitating amputation of the limb; Crawford T. Hill, seaman, gunshot wound of forearm; John Matthews, seaman, gunshot (flesh) wound of shoulder, slight; G. W. Shull, seaman, gunshot wound of back, slight; Robert Bell, seaman, gunshot wound of arm (flesh) and chest, not penetrating.

In detachment of thirty-second regiment of Illinois volunteers (company C)

carried on board : Captain Phillips, gunshot wound of leg, flesh ; Daniel Messick, orderly sergeant, killed.

Respectfully,

THOS. H. KEARNEY,

Assistant Surgeon, U. S. Gunboat Service.

Lieutenant Commanding W. GWIN.

UNITED STATES GUNBOAT LEXINGTON,

Savannah, Tennessee, March 1, 1862.

SIR : In company with the gunboat Taylor, Lieutenant Commanding Gwin, I this day proceeded in this vessel up the river to a landing on the west side, called Pittsburg, distant about nine miles from this place.

When we had arrived within twelve or thirteen hundred yards of Pittsburg we were fired upon by a rebel battery, consisting, as well as I could judge, of six or eight field-pieces, one of which, at least, was rifled. We returned their fire with shell, which were exceedingly well directed, and continued until after their guns were silenced.

By order of Lieutenant Commanding Gwin, I despatched on shore two armed boats, in charge of Second Master Martin Dunn, containing, in addition to their own proper crews, a detachment of company K, thirty-second regiment Illinois volunteers, commanded by First Lieutenant John T. Rider, with orders to follow the motions of the Taylor's boats. While the boats were being landed we kept up a steady fire of grape and shell, raking the side of the hill.

The landing party having accomplished their object and being met by a much superior force, retired, receiving in their retreat a terrific fire of musketry. The enemy also fired several volleys of musketry at the gunboats, and then retired back from the brow of the hill. After the boats returned, we gave the rebels a few more shell, and, receiving no answer, we dropped down the river to this place.

My men report having seen several dead rebels upon the hill, and I myself saw a shell from this vessel, after the return of the boats, take effect upon a field officer, emptying his saddle, and dropping three foot soldiers.

I cannot speak in too high terms of the gallantry, good discipline, and patriotic spirit evinced by the officers and men whom I have the honor to command. For the efficient services of himself and his command I am greatly indebted to First Lieutenant John T. Rider, company K, 32d regiment Illinois volunteers.

I regret to have to report the following casualties, viz : James Sullivan, seaman, killed ; Patrick Sullivan and Thomas M. Borland, seamen, missing ; John Hines, corporal company K, 32d regiment Illinois volunteers, missing. James Sullivan was seen to fall upon the field shot through the breast.

During the action there were expended forty-five eight-inch shell, twenty-five six-inch shell, and sixteen stand of grape.

Two rifles and one musket are missing. They are those taken by the unfortunate men whom we have lost.

I have the honor to be, sir, your most obedient servant,

JAMES W. SHIRK,

Lieutenant Commanding.

Flag-Officer A. H. FOOTE,

Commanding U. S. Naval Forces, Cairo, Illinois.

Flag-Officer Foote reports the evacuation of Columbus, March 1, 1862.

CAIRO, March 1, 1862.

SIR: Lieutenant Commanding Phelps, sent with a flag of truce to-day to Columbus, has this moment returned, and reports that Columbus is being evacuated. He saw the rebels burning their winter quarters and removing their heavy guns on the bluffs, but the guns in the water batteries remain intact. He also saw a large force of cavalry drawn up ostentatiously on the bluffs, but no infantry were to be seen as heretofore, and the encampment seen in our armed reconnoissance a few days since has been removed. Large fires were visible in the town of Columbus and upon the river banks below, indicating the destruction of the town, military stores, and equipments.

I shall consult General Cullum, and we shall probably proceed to Columbus, with the force we have ready, soon after daylight. General Polk informs us that he will send a flag of truce at meridian to-morrow to the point where the flags of truce met to-day, in reference to which we shall be governed according to circumstances. But as General Cullum has not been fully consulted, I can give no particular information of our movements to-morrow.

I have the honor to be, &c.,

A. H. FOOTE,
Flag-Officer.

Hon. GIDEON WELLES,
Secretary of the Navy.

Flag-Officer Foote reports fall of Columbus, and his purpose to proceed to New Madrid.

UNITED STATES FLAG-STEAMER CINCINNATI,
Columbus, March 4, 1862.

SIR: I have the honor to forward a copy of the telegram sent to the department to-day announcing the fall of Columbus.

The fleet not being in a condition to proceed down to Island No. 10 and to New Madrid where the rebels are represented as fortifying, I leave for Cairo immediately to make the necessary preparation for going down the river with a suitable force of gunboats and mortar boats in a proper condition for effective service. I am fully impressed with the importance of proceeding to New Madrid as soon as possible, where General Pope has arrived with 10,000 men; but such is the condition of my command that I shall decline moving, as I informed Generals Sherman and Cullum, unless I am ordered to do so by the Secretary of the Navy, as I must be the judge of the condition of the fleet, and when it is prepared for the service required.

It is due to Commander Pennock, the fleet-captain, and to Mr. Sanford, the ordnance officer of the flotilla, to say to the department that these efficient officers earnestly entreated me to permit them to go on this expedition, as well as up the Tennessee and Cumberland rivers; but their services in preparing the gun and mortar boats at Cairo being absolutely necessary, I reluctantly denied their application from a sense of duty to the government, yet their services should be regarded as equally important to the great object of the expedition as if they had participated personally in the different actions.

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE,
Flag-Officer, Commanding Naval Forces, &c.

Hon. GIDEON WELLES,
Secretary of the Navy.

COLUMBUS, KENTUCKY, *March 4, 1862.*

SIR: Columbus is in our possession. My armed reconnoissance, on the 2d instant, caused a hasty evacuation—the rebels leaving quite a number of guns and carriages, ammunition, and a large quantity of shot and shell, a considerable number of anchors, and the remnant of the chain lately stretched across the river, with a large number of torpedoes. Most of the huts, tents, and quarters are destroyed.

The works are of very great strength, consisting of formidable tiers of batteries on the water side, and on the land side surrounded by a ditch and abattis.

General Sherman, with Lieutenant Commanding Phelps, not knowing that the works were last evening occupied by four hundred of the Second Illinois cavalry, on a scouting party sent by General Sherman from Paducah, made a bold dash to the shore under the batteries, hoisting the American flag on the summit of the bluff, greeted by the hearty cheers of our brave tars and soldiers.

The force consisted of six gunboats, four mortar boats, and three transports, having on board two regiments and two battalions of infantry, under command of Colonel Buford—General Cullum and General Sherman being in command of the troops. The former, leaving a sick bed to go ashore, discovered what was evidently a magazine on fire at both extremities, and immediately ordered the train to be cut, and thus saved the lives of the garrison.

While I cannot express too strongly my admiration of the gallantry and wise counsels of this distinguished aid and engineer of General Halleck, (General Cullum,) I must add that Commanders Dove, Walke, and Stembel, and Lieutenants Commanding Paulding, Thompson, Shirk, and Phelps, the latter being in command of the mortar division, assisted by Lieutenant Sanford, of the ordnance department of the United States army, nobly performed their duty.

I have my flag on board the Cincinnati, commanded by the gallant Commander Stembel. General Sherman remains temporarily in command at Columbus.

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,
Secretary of the Navy.

Flag-Officer Foote forwards report of Lieutenant Commanding Gwinn, of the gunboat Taylor, March 5, 1862, communicating important information.

CAIRO, *March 6, 1862.*

SIR: I have the honor to forward a report just received from Lieutenant Commanding Gwinn, of the Taylor, communicating important information, which, with a telegram just received from General Grant, commanding at Fort Henry, stating that the rebels were fortifying Savannah, on the Tennessee river, and calling for an additional gunboat, has been communicated to General Halleck. I shall probably send an additional gunboat, making three boats on that river.

The Assistant Secretary of War is now in my office, and is informed of the state of things, and we shall be able to meet the demands, I trust, by having a force at hand sufficient to prevent any fortifications being erected on the Tennessee as far up as the stage of water will permit the gunboats to ascend the river.

I have the honor to be, very respectfully, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES GUNBOAT TAYLOR,
Cairo, Illinois, March 5, 1862.

SIR: I have returned from up the Tennessee, having left Pittsburg (the place of our late engagement) last night. The enemy has not renewed his attempt to fortify. I watched the point closely, and yesterday landed under a flag of truce, which was allowed to go a mile from the river before being stopped by their pickets. No sign of a renewed attempt could be discovered.

In my report of the engagement I stated that I felt confident the enemy had suffered severely. I can now report that on the morning after the engagement (Sunday) nine dead bodies and one hundred wounded—many of them mortally—were counted in their camp, which had been removed, the evening of the engagement, three miles back of the river. Some tents, where they were carrying badly wounded men, they would not allow any one to visit; they were still bringing in wounded.

There is no doubt of the correctness of the above. It was reported that they buried fifteen the evening of the engagement. I think I can safely put their loss down at twenty killed and one hundred wounded. Their force engaged on that day was 1,000 infantry (Louisiana) and 500 cavalry, (Mississippi,) besides a battery of six pieces of field artillery. Two guns (32-pounders) were on the ground, but were not mounted.

I have reliable information that the enemy have now at Corinth, Mississippi, eighteen miles from the Tennessee river (Pittsburg) junction of Mobile and Ohio and Memphis and Charleston railroads, fifteen to twenty thousand troops. At Henderson station, eighteen miles from Coffee Landing, Tennessee river, and thirty-five miles by railroad from Corinth, some ten or twelve thousand, and bodies of troops arriving every day, mostly from Columbus and some from Louisiana. At Bear Creek bridge, seven miles back from Eastport, Mississippi, they have from eight to ten thousand, and are fortifying. At Chickasaw, Alabama, I understand they are erecting heavy batteries. This last is not very reliable.

Information received last night near Savannah, Tennessee, from a reliable source, indicates that General Johnson, with all his force, is falling back from Murfreesboro' to Decatur, Alabama, the place where the Memphis and Charleston railroad crosses the Tennessee river, and the junction of the railroad leading from Nashville to that place, showing that they are preparing to send large reinforcements to Bear Creek.

The result of the recent elections in Hardin and McNairy counties, South Tennessee, will prove to you that the Union sentiment is very strong throughout that section of the State. The former gave five hundred majority for the Union candidate out of a poll of one thousand votes. The latter gave two hundred Union majority out of a poll of eighteen hundred votes. The constant cry from them to me is, "Send us arms and a sufficient force to protect us in organizing, and we will drive the secessionists out of Tennessee ourselves."

I have enlisted a few more men; Captain Phillips recruited several for his company. I have captured J. B. Kendrick, of Captain Fitzgerald's company of Tennessee volunteers, who represents himself as a colonel of militia of the State of Tennessee, and Clay Kendrick, private in Captain Fitzgerald's company (Colonel Crew's regiment) Tennessee volunteers.

Very respectfully, &c.,

WILLIAM GWINN,
Lieutenant Commanding.

Flag-Officer A. H. FOOTE, U. S. N.,
Commanding Naval Forces, Western Waters.

Lieutenant Commanding Gwinn's report of reconnoissance to Chickasaw, Alabama.

UNITED STATES GUNBOAT TAYLOR,
Pittsburg, March 16, 1862.

SIR: I have the honor to report that in obedience to your orders I reported to General Grant, at Fort Foote, on the 7th instant, and remained at Danville bridge, twenty-five miles above, awaiting the fleet of transports, until Monday morning, by direction of General Grant, when General Smith arriving with a large portion of his command, forty transports, I convoyed them to Savannah, arriving there without molestation on the 11th. The same evening, with General Smith and staff on board, made a reconnoissance of the river as high as Pittsburg. The rebels had not renewed their attempts to fortify at that point, owing to the vigilant watch that had been kept on them in my absence by Lieutenant Commanding Shirk.

The same evening, at 11.45, stood up the river with the Lexington, Lieutenant Commanding Shirk, for the purpose of reaching Eastport by daylight, it having been reported to me that the rebels had erected a battery at Chickasaw, Alabama, one and a half miles above that place. Arriving there at 7.30 this vessel and the Lexington opened fire on the point which had been indicated. The rebels immediately responded. After expending sixty-three shell, having accomplished my object, which was to ascertain the strength of their battery, both vessels retired without any damage having been done on our side. As well as I can judge their battery consists of five pieces—three rifled, and, with the exception of one, I should think, not less than 32-pounders. Both vessels have since been actively employed in convoying transports to and covering the landing of troops at different points above Savannah in this river.

The river is again very high, and rising. The people have given substantial evidence of the strength of the Union sentiment so often expressed to me before in this vicinity, as very many have enlisted in the different regiments. The Taylor is lying at Pittsburg for the protection of General Sherman's division, which has occupied that point. The Lexington is lying at Crump's Landing, protecting the division of General Wallace, which occupies that point. Everything is working favorably for the cause of the Union. Enclosed you will find Lieutenant Commanding Shirk's report.

I have the honor to be, &c.,

WILLIAM GWINN,

Lieutenant Commanding Division of Gunboats, Tennessee river.

Flag-Officer A. H. FOOTE, U. S. N.,

Commanding Naval Forces, Western Waters.

Lieutenant Commanding Shirk's report of proceedings, March 15, 1862.

UNITED STATES GUNBOAT LEXINGTON,
Pittsburg, Tennessee, March 15, 1862.

SIR: I have the honor to make the following report of my proceedings since my last arrival in this river.

We reached Savannah on the 6th instant. The next morning I received on board this vessel twenty armed men, refugees from Wayne county, Tennessee, who asked my protection from the rebel marauding cavalry. Six of these men were from a rebel regiment which had been stationed at Clarksville, and had

been told, upon the fall of Fort Donelson, to make the best of their way home. Their arms were those that had been issued at Clarksville. Some of these twenty men have shipped on board this vessel, and the remainder have enlisted in regiments in General Smith's command.

I then proceeded up the river to take a look at this place, and discovered several flags of truce on the hill. I sent a boat to communicate with a rebel officer at the landing, and received a letter from Lieutenant Commanding Gwinn in relation to exchange of prisoners. No work had been done since the bombardment of the place on the 1st instant by the Taylor and this vessel. The nights of the 7th and 8th I lay at Craven's Landing, protecting many Union men from Robinson's rebel cavalry. During the 8th and 9th I conveyed about one hundred and twenty refugees from Craven's and Chalk bluff to Savannah for safety. On the 9th I paid another visit to Pittsburg, having on board Colonel Worthington, of General Smith's advance. On the 10th I took on board some more arms at Chalk bluff. That night I lay opposite Savannah, the transport with the forty-sixth Ohio volunteers lying at the town.

On the 11th the United States gunboat Taylor arrived, followed by General Smith with his command, in sixty-three transport steamers. At midnight this vessel followed the Taylor up the river, to make a reconnoissance, and at 7.20 a. m. on the 12th instant reached Chickasaw, Alabama, where we discovered that the rebels had erected a battery, as had been reported. The two gunboats opened fire upon it at long range, which was returned by the enemy. This vessel expended 25 shell. There were no casualties. The battery consisted of at least five pieces, two or three of which were rifled. One of the latter was a 32-pounder, and had a very great range—great enough to prevent the landing of troops at Eastport. At 11.30 a. m. we reached Savannah again. That evening I convoyed a division of the army, under General Wallace, to Crump's Landing, and lay there that night and the following day and night. This morning I convoyed another division, under General Hurlburt, to this place, and went on with the transport Crescent City to where General Sherman had his command, about 10 miles below Eastport. I returned at 5 p. m., and will await here further orders.

There are no rebel troops near here at present; General Cheatham, who was at Shiloh (three miles back from here) day before yesterday, having gone with his command to Purdy. The river is rising very rapidly, and there is so much back water that General Sherman found it impossible to perform the duty upon which he was sent. General Wallace succeeded, night before last, in destroying about half a mile of the railroad, a few miles north of Purdy. Twelve new made graves have been found upon the hill at this place. The small arms which I have taken from Craven's and Chalk bluff belong to Union men, and I have promised that they should eventually be returned to their owners.

I have the honor to be, &c.,

JAMES W. SHIRK, *Lieutenant Commanding.*

Flag-Officer A. H. FOOTE,

Commanding Naval Forces, &c.

Flag-Officer Foote's report of operations at, and capture of, Island No. 10, and correspondence connected therewith.

UNITED STATES FLAG-STEAMER BENTON,

Off Island No. 10, March 17, 1862.

SIR: Leaving Cairo on the 14th instant, with seven iron-clad gunboats and ten mortar boats, and being joined at Columbus on the same day by Colonel Buford, in command of some twelve hundred troops, I reached Hickman that even-

ing with the flotilla and transports, when the Louisville, Commander Dove, was found leaking in her boilers, and was sent back to Columbus for repairs.

On the 15th instant, at daylight, the flotilla and transports moved down the river, arriving in the vicinity of Island No. 10 at 9 a. m. The rain and dense fog prevented our getting the vessels in position, other than two mortar boats, for the purpose of ascertaining their range.

Early on the morning of the 16th instant I placed the mortars in as good position as the circumstances would admit, when they shelled several regiments out of their encampments, and, at extreme range, reached the batteries on No. 10, the floating battery, and the five batteries on the Tennessee shore. The mortar boats are in charge of Captain Maynadier, United States army, as ordnance officer, assisted by Acting Lieutenant Commanding J. P. Sandford, United States navy, who volunteered his services.

This morning, the 17th instant, soon after daylight, the mortar boats being in position, I had the Benton lashed between two other steamers, the Cincinnati and St. Louis, and with the remaining iron-clad steamers made an attack on the forts, at a distance of two thousand yards or more, on account of the rapid current, rendering the boats too unmanageable to come within a shorter range, without endangering their being carried under the enemy's guns; and as a nearer approach would expose the bow and quarter of the vessels, their most vulnerable points, to a fire of six other batteries, mounting forty-three guns. We opened fire on the upper fort on the Tennessee shore at meridian, and continued to give and receive quite a brisk fire from this and also four other batteries on the same shore until darkness obscured the forts from view. The ten mortars, in the meantime, shelled the troops out of range, excepting those manning the batteries.

The upper fort was badly cut up by the Benton and the other boats with her. We dismounted one of their guns, and the men, at times, ran from the batteries.

Colonel Buford has been busily, and, I trust profitably, engaged in making reconnoissances, and is preparing to mount his siege guns.

In the attack of to-day this vessel received four shots; while a rifle gun burst aboard the St. Louis, killing and wounding fifteen, officers and men; I enclose a list of casualties. The Cincinnati has had her engines injured, which may render it necessary for me to send her to Cairo for repairs.

I hope to be able to silence the upper battery to-morrow; after which we can plant the mortars in a position where we expect to be able to shell the rebels out of their batteries. This place is even stronger and better adapted for defence than Columbus has ever been. Each fortification commands the one above it. We can count forty-nine guns in the different batteries, where there are probably double the number, with ten thousand troops.

From exhaustion, arising from continuous service and want of sleep, you will excuse this incoherent discursive report.

Our shells bursting prematurely we have to drown them before loading the guns. The fuzes, many of which, I am informed, were made before the Mexican war, ought to have been condemned.

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer,*

Commanding Naval Forces, Western Waters.

Hon. GIDEON WELLES,

Secretary of Navy.

List of killed and wounded on gunboat St. Louis, March 17, 1862.

Killed, by bursting of a rifle gun, James Jackson, seaman, Chicago, Illinois; P. S. Goth, seaman, Maine.

Wounded, by bursting of rifle gun, S. H. McAdam, master's mate, Chicago, severely; Jno. A. McDonald, gunner, Baltimore, slightly; H. T. Bly, seaman, New Bedford, severely; J. W. Sprowl, seaman, Bristol, Maine, severely; P. Mulhenin, seaman, Boston, Massachusetts, severely; Wm. Kelcher, seaman, Boston, Massachusetts, severely; Rich'd Gouger, seaman, severely; Frank Clemens, seaman, severely; Chas. Woolf, seaman, severely; Chas. Wilson, seaman, Philadelphia, severely; Henry Joy, seaman, Worcester county, Massachusetts, slightly; M. C. Donaghho, seaman, Fredericktown, Pennsylvania, slightly; Peroc Leon, seaman, Sardinia, slightly.

J. B. McDILL,

Assistant Surgeon, United States Gunboat St. Louis.

Respectfully submitted.

LEONARD PAULDING, *Lieutenant Commanding.*

FLAG-STEAMER BENTON,
Off Island No. 10, March 19, 1862.

SIR: On the 17th instant I communicated to the department an account of our leaving Cairo, for the purpose of attacking Island No. 10, and expressing the hope that to-morrow (yesterday) we should be able to capture the upper fort at this point.

Yesterday we were firing on the upper fort at long range, reaching it occasionally, and dismounted another gun, while the mortars were playing on the lower fortifications, having driven the encampments down the river, just out of range of our shells. As the forts are distinct from each other, and occupy but little space, and have been mostly constructed for four or five months, it is impossible to use the mortars with as much effect as could have been done at Columbus, where the batteries were more compact and exposed, and the troops having less shelter than here. We are, however, keeping up an occasional fire, day and night, to prevent the enemy from repairing his damages, gradually approaching his strongest holds, and I trust we will be able, in co-operation with General Pope's division of the army, soon to get possession of the place. This position was selected by the rebels on account of its being inaccessible by land, in a high stage of water, on the Missouri side, which side General Pope's army occupies, at New Madrid; and he has no transports of any kind with which to cross over to the Tennessee side and march in upon the rear of the rebels. I have this morning sent him two tugs, and hope to be able to get two gunboats also through the same bayou or slough to him. If we can do this, with the two gunboats coming up and attacking the forts from below with the land attack, I have no doubt but that we shall secure a complete victory. We must proceed here slowly and cautiously, which alone can prove effective, especially bearing in mind the rapid current and certainty of falling into the hands of the enemy in these slow boats if we run as close to the batteries as we might do were the rebels up stream. Colonel Buford, commanding the troops here, amounting to about 1,500, will be ready to perform all service required until the arrival of General Pope in force. We shall not be able to make the grand attack for several days. This will depend upon the arrival of General Pope.

Your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES, *Secretary of the Navy.*

FLAG-STEAMER BENTON,
Off Island No. 10, March 20, 1862.

SIR: Most of the iron-clad steamers, including this vessel, are still lying within long range of the rebel forts, and occasionally, with the mortar-boats, are throwing shells into the enemy's batteries, which have induced them to withdraw all their superfluous men not required for serving their guns. To-day the upper battery opened upon us, but was silenced in half an hour, this ship dismounting a gun. I send, to-night, a boat to sound in a narrow and shallow channel, in hopes the present rise of water in the river will enable me to despatch a small steamer with light draft to General Pope, near New Madrid, who, as I have already informed the department, has several times requested that I would send him two or three gunboats to enable him to cross over to the Tennessee side, with the view of attacking the rebels in the rear at this point, while we make the attack in front or on the river side. I am apprehensive, however, from our ill success thus far, that this project may not prove feasible. To-day, for the first time since I have been in command of the flotilla, I called a council of war, with the view of ascertaining the opinions of the officers with reference to sending, or attempting to send, aid to General Pope. The officers, with one exception, were decidedly opposed to running the blockade, believing it would result in the almost certain destruction of the boats which should attempt to pass the six forts, with 50 guns bearing upon the vessels. I have been seriously disposed to run the blockade myself with this vessel, which is better protected than the other boats, although she is slow and works sluggishly; but, upon reconsideration, as her loss would be so great if we failed, and my personal services here are considered so important with the fleet and transports, I have, for the present, abandoned the idea.

This place is admirably chosen for defence by the rebels, as its rear can only be approached, in this stage of water, from the river side opposite New Madrid, it being surrounded by bayous or sloughs, while its long line of six forts, commanding one another from the river front, render it almost impregnable to an attacking force. General Pope has no transports, and, without our reaching him by running the blockade, is unable to cross over to the Tennessee side from New Madrid, where he now is in force, and it is impossible for him, from the inundated state of the country, to send or march his troops to this point. Were we to attempt to attack these heavy batteries with the gunboats, or attempt to run the blockade and fail, as I have already stated in a former communication, the rivers above us—Mississippi, Ohio, and Cumberland—would be greatly exposed, not only frustrating the grand object of the expedition, but exposing our towns and cities bordering those rivers; especially so should General Pope be unable to hold his position at New Madrid. Under these circumstances, and our boats being so ill-adapted to fighting down the river, with two rifle guns having burst, and our shells imperfect, I am induced to act with great caution, and expose the flotilla less than under more favorable circumstances it would be my duty to do, for the great object for which the fleet was created. For the future, in the absence of instructions from higher authority, I shall be governed by circumstances as they may arise. When the object of running the blockade becomes adequate to the risk, I shall not hesitate to do it. The place may be occupied by us in a short time without an assault, as the rebels must be cut off from their necessary supplies. Still, if this does not soon take place, it may become necessary to force the blockade, or adopt some other measures which have not yet suggested themselves.

Your obedient servant,

A. H. FOOTE, *Flag-Officer.*

HON. GIDEON WELLS,
Secretary of the Navy.

UNITED STATES FLAG-SHIP BENTON,
Island No. 10, March 26, 1862.

SIR: Since my communication of the 20th instant, we have been lying off the forts at long range, occasionally giving a rifle shot, and more frequently throwing mortar shells upon the island and at the fortifications on the Tennessee shore. The rebels still hold the forts, but the encampments are moved beyond range, with a sufficient number of men to serve their heavy guns, which seem to be well protected from our shells by their breastworks. A communication from General Halleck (a copy of which is enclosed) leads me to hope that we may yet derive support from the army, irrespective of General Pope's force, which will cross over from New Madrid and attack the rebels in the rear, while we make the attack in front, in case we succeed in getting two steamers and several cutters, which are now working their way towards that point, through the bayous or sloughs. Should this effort be successful, I hope to hear that a land force of some 10,000 men will be in the rebels' rear in the course of five or six days. With the exception of a ridge, or higher land, on the river bank on the Tennessee side, from directly opposite New Madrid to nearly opposite Island No. 10, the whole country is inundated, or at least so much so as to prevent troops from other points reaching the rebels' rear, showing how admirably their position has been chosen for defence.

We now have here six iron-plated gunboats, one wooden gunboat, the *Conestoga*, and sixteen mortar boats; one iron-clad gunboat being at Nashville, one guarding Columbus and Hickman, and two wooden boats up the Tennessee; while the *Essex*, Commander Porter, is repairing at St. Louis. We have all the mortar-boats that we can use to any advantage, and still want two tow-boats for these in greater force, as we have a strong current, requiring the greatest vigilance to prevent them and the gunboats from being carried down stream, from the want of steam-power of the latter. Colonel Buford, commanding the troops, has a force of between 1,900 and 2,000 men; but who, in fact, living as they necessarily do, aboard the transports—the banks being overflowed, and they surrounded by water—cannot accomplish anything of consequence. Thus we are waiting to open communication with General Pope, at New Madrid.

I forward herewith a copy of a letter sent to me by General Strong, commanding at Cairo, from which it will be seen that the rebels have thirteen gunboats, independent of the five below New Madrid, and the *Manassas* or ram, at Memphis. I presume that these boats are not equal to ours; still, we have no means of ascertaining their character, especially those at New Orleans. I have ordered the rifle guns as they arrive at Cairo to be sent to us, as our rifles are unsafe, and must be condemned as soon as others can be supplied. The rifle shells, as well as those of the 8-inch guns and thirty-twos, also burst prematurely, and I have been obliged to drown all fuses at a distance exceeding one thousand yards.

I shall proceed with caution in our work here, being fully aware of our disadvantages. If, however, any disaster should occur, from circumstances beyond my control, I have ordered the two iron-clad gunboats *Cairo* and *Louisville*, with the wooden boats *Taylor* and *Lexington*, to meet at Cairo, or as far down as Columbus and even Hickman, to prevent the rebel gunboats from ascending the river beyond Cairo, which place is now so nearly overflowed as to render it necessary for us to remove all our ammunition.

I have the honor to be, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLS,
Secretary of the Navy.

P. S.—Were we able even to shell the forces out of their fortifications, they would reoccupy as we passed down the river, as we have less than 2,000 troops in possession.

A. H. F.

Letter from General Halleck to Flag-Officer Foote.

HEADQUARTERS DEPARTMENT OF THE MISSISSIPPI,
St. Louis, March 21, 1862.

SIR: I have just received your report (without date) of your operations against the enemy's batteries in the vicinity of Island No. 10. While I am certain that you have done everything that could be done successfully to reduce these works, I am very glad that you have not unnecessarily exposed your gunboats. If they had been disabled, it would have been a most serious loss to us in the future operations of the campaign; whereas the reduction of these batteries, this week or next, is a matter of very little importance indeed. I think it will turn out in the end that it is much better for us that they are not reduced till we can fully cut off the retreat of their troops.

Everything is now progressing well on the Tennessee river toward opening your way down the Mississippi. The reduction of these works is only a question of time, and we are in no hurry on that point. Nothing is lost by a little delay *there*. I am directing all my attention now to another object, and when that is accomplished the enemy must evacuate or surrender.

Very respectfully, your obedient servant,

H. W. HALLECK,
Major General Commanding.

Flag-Officer A. H. FOOTE,
Commanding Naval Forces, &c.

HEADQUARTERS UNITED STATES FORCES,
Cairo, Illinois, March 24, 1862.

MY DEAR COMMODORE: I enclose you a copy of a letter received this morning from Captain Dresser. It contains important information relating to movements of the enemy down the river. I have sent General Pope, also Colonel Buford, a copy of the same.

Very truly, yours,

W. K. STRONG,
Brigadier General Commanding.

Flag-Officer FOOTE,
On the Benton, near Island No. 10.

CAIRO, *Illinois, March 24, 1862.*

GENERAL: I left Savannah, Tennessee, yesterday morning, and while at Perrysville, some forty miles this side of Savannah, we took on board a man by the name of M. A. Clark, formerly of Paducah, Kentucky, late of New Orleans. He left New Orleans a week ago last Thursday; I gained from him the following statement: Fort Pillow was being evacuated when he was at Memphis last Wednesday; confederates moving all their stores from Memphis to Corinth. The heavy guns of Fort Pillow were left under water; Beauregard was at Jackson on Thursday last; would leave with his troops on Friday for Corinth. Eleven engines and two hundred cars were taken from the Mississippi Central railroad to the Memphis and Charleston railroad, to move Johnson's forces from Decatur to Corinth. Confederates are building thirteen gunboats at New Orleans—twelve of them for river and one for sea service. One—Murray's boat—

carries thirty guns, would be ready last week, and balance this week; were to come up the river as soon as finished; Bragg and Polk were at Corinth.

Very respectfully,

JASPAR M. DRESSER, *Captain.*

Brigadier General STRONG,
Commanding, Cairo.

BENTON, *off No. 10, March 26, 1862.*

GENERAL: In view of the rebels having, as is reported, thirteen gunboats at New Orleans, irrespective of four or five below New Madrid with the *Manassas*, or ram, at Memphis, I respectfully suggest, in view of the contingency of their passing up the river, that it would be desirable to have a river battery placed at Columbus which would sweep the river below that point. Cairo, being now almost overflowed, presents a less defensible position than Columbus.

I am, sir, very respectfully, &c.,

A. H. FOOTE, *Flag-Officer.*

Major General W. W. HALLECK,
Commanding, St. Louis, Missouri.

FLAG-STEAMER BENTON,
Island No. 10, March 26, 1862.

SIR: You will inform the commander of the gunboats Cairo, Taylor, and Lexington, not to be caught up the rivers with too little water to return to Cairo. They, of course, before leaving, will consult the generals with whom they are co-operating. As it is reported, on the authority of different persons from New Orleans, that the rebels have thirteen gunboats finished and ready to move up the Mississippi, besides the four or five below New Madrid and the *Manassas*, or ram, at Memphis, the boats now up the rivers and at Columbus or Hickman should be ready to protect Cairo or Columbus, in case disaster overtakes us in our flotilla. * * * * *

Respectfully, &c.,

A. H. FOOTE, *Flag-Officer.*

Commander PENNOCK, *Cairo, Illinois.*

UNITED STATES FLAG-STEAMER BENTON,
Off Island No. 10, April 2, 1862.

Last night an armed boat expedition was fitted out from the squadron and the land forces at this point, under command of Colonel Roberts, of the 42d Illinois regiment.

The five boats comprising the expedition were in charge of First Master J. V. Johnson, of the *St. Louis*, assisted by Fourth Master G. P. Lord, of the *Benton*; Fourth Master Pierce, of the *Cincinnati*; Fourth Master Norgan, of the *Pittsburg*, and Master's Mate Scoville, of the *Mound City*, each with a boat's crew of ten men from their respective vessels, carrying in all one hundred men, exclusive of officers, under command of Colonel Roberts.

At midnight the boats reached the upper or No. 1 fort, and, pulling directly in its face, carried it, receiving only the harmless fire of two sentinels, who ran on discharging their muskets, while the rebels troops in the vicinity rapidly retreated; whereupon Colonel Roberts spiked the six guns mounted in the fort and retired with the boats uninjured.

The commanding officer represents all under his command, from their coolness and determination, as being ready to perform more hazardous service had it been required to the fulfilment of the object of the expedition. Enclosed is the report of Colonel Roberts.

I have the honor to be, very respectfully, &c., your servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy.

ON BOARD STEAMER MEMPHIS, *April 2, 1862.*

In obedience to your orders, I have the honor to report that last evening, at half past five o'clock, I took command of an expedition designed against the rebel battery No. 1, on the Tennessee shore. My force consisted of five boats furnished by the gunboats Benton, St. Louis, Cincinnati, Pittsburg, and Mound City, manned by crews of these boats, respectively, and transporting a detachment of fifty men from company A, 42d regiment Illinois volunteers.

My first endeavor was to proceed through the overflowed woodland on the Kentucky shore, and thus escape observation; this proved to be impracticable, as well because of the fall of the river as of the large amount of drift accumulated among the trees. We then dropped down to the first mortar boat and lay by until 11 o'clock p. m., when all the boats were got under way and proceeded, one after the other, keeping close under the shadow of the shore. The Benton's boat led until the outlines of battery No. 1 were well defined, when the order of attack, the suggestion of First Master J. V. Johnson, was taken up as follows: The boats of the St. Louis, Benton, and Pittsburg advanced in line, the Benton's boat in the centre; the remaining boats followed a few yards behind.

We approached the battery with muffled oars, in such silence that we were less than ten yards distant when the sentinels at the guns discovered us. They cried out in great surprise, fired twice on our boats, and ran away. We landed in good order and with great expedition; the rear boats falling to the right and left of the centre boat of the advanced line, and at once commenced spiking the guns. Lieutenant Church, with twenty men, advanced toward the supposed rebel camp to anticipate an attack, and, at the same time, protect the men engaged in spiking the guns. No such attack was made.

The work was done with perfect coolness on the part of our men, but as rapidly as possible, for the rebel gunboat Grampus had taken alarm at the sentinels' fire, and was standing toward us. I did not go on board to return until I had first personally inspected every gun. I report, sir, that every gun in the battery except one (dismounted and lying in the water) was spiked by our party. I believe the spiking will prove effectual. The object of the expedition being thus accomplished, we took to our boats and returned without any loss whatever.

To the naval officers in command of the boats great praise is due for the admirable manner in which our approach was conducted. The officers of the detachments were prompt and efficient, while the men of both land forces and marines, by their implicit obedience of orders, have proved themselves worthy of any service whatever. The kindness of Captain Phelps, of the Benton, in giving personal attention to the outfit of the expedition, is kindly remembered.

I am, sir, respectfully, your obedient servant,

GEO. W. ROBERTS,

Colonel Commanding 42d Regiment Illinois Volunteers.

Flag-Officer A. H. FOOTE.

CAIRO, *April 4, 1862.*

This morning the Benton, Cincinnati, and Pittsburg, with three mortar boats, opened, and continued for more than an hour, a fire on the rebels' heavy floating battery at Island No. 10, when the latter, having received several shells from the rifles and mortars, cut loose from her moorings and drifted down the river two or three miles. The shells were thrown from the flotilla into different forts of the island and into the rebel batteries lining the Tennessee shore. The return fire produced no effect on the squadron. No more men than were actually necessary to man the batteries were visible.

A. H. FOOTE, *Flag-Officer, &c.*Hon. GIDEON WELLES,
*Secretary of the Navy.*FLAG-STEAMER BENTON,
Off Island No. 10, April 6, 1862.

SIR: I have the honor to inform the department that the gunboat Carondelet ran the blockade on the night of the 4th instant, under a heavy fire of forty-seven guns, and reached New Madrid safely, without even receiving a shot. Captain Walke, his officers and crew, merit the commendation of the government for their gallantry, coolness, and general conduct on this occasion. I would especially call the attention of the department to the acting first master, Mr. Hoel, of Cincinnati, who so creditably volunteered his services to go in the Carondelet, and did go in her, although he was attached to the gunboat Cincinnati.

I enclose a correspondence, or a copy of it, between Major General Pope, at New Madrid, and myself, in relation to another gunboat attempting to run the blockade for his relief or assistance.

The rebels are very strongly fortified here, and seem determined to do all in their power to maintain their position. I trust, however, when General Pope crosses with his army and moves upon their rear that we shall be able, by an attack in front, to carry the place.

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer.*Hon. GIDEON WELLES,
*Secretary of the Navy.*UNITED STATES FLAG-STEAMER BENTON,
Off Island No. 10, March 30, 1862.

SIR: You will avail yourself of the first fog or rainy night, and drift your steamer down past the batteries on the Tennessee shore and Island No. 10, until you reach New Madrid.

I assign you this service, as it is vitally important to the capture of this place that a gunboat should soon be at New Madrid for the purpose of covering General Pope's army while he crosses at that point to the opposite or to the Tennessee side of the river, that he may move his army up to Island No. 10, and attack the rebels in rear while we attack them in front.

Should you succeed in reaching General Pope, you will freely confer with him, and adopt his suggestions, so far as your superior knowledge of what your boat will perform will enable you to do, for the purpose of protecting his force while crossing the river.

You will also, if you have coal, and the current of the river will permit, steam up the river when the army moves, for the purpose of attacking their fortifications. Still you will act cautiously here, as your own will be the only boat below.

You will capture or destroy the rebel steam gunboat Grampus, and the transports, if possible, between this place and No. 10, at such time as will not embarrass you in placing yourself in communication with General Pope, at the earliest possible time after leaving this place.

On this delicate and somewhat hazardous service to which I assign you I must enjoin upon you the importance of keeping your lights secreted in the hold or put out, keeping your officers and men from speaking at all when passing the forts above a whisper, and then only on duty, and of using every other precaution to prevent the rebels suspecting that you are dropping below their batteries.

If you successfully perform this duty assigned you, which you so willingly undertake, it will reflect the highest credit upon you and all belonging to your vessel, and I doubt not but that the government will fully appreciate and reward you for a service which, I trust, will enable the army to cross the river and make a successful attack in rear while we storm the batteries in front of this stronghold of the rebels.

Commending you and all who compose your command to the care and protection of God, who rules the world and directs all things, I am, respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Commander H. WALKER,
Commanding Carondelet.

P. S.—Should you meet with disaster, you will, as a last resort, destroy the steam machinery, and, if possible to escape, set fire to your gunboat, or sink her, and prevent her from falling into the hands of the rebels.

A. H. F.

UNITED STATES FLAG-STEAMER BENTON,
Off Island No. 10, April 4, 1862.

GENERAL: The gunboat Carondelet, Commander Walke, left her anchorage this evening, at 10 o'clock, in a heavy thunder-storm, for the purpose of running the fire of the batteries on Island No. 10 and those lining the Tennessee shore, to join your forces at New Madrid. By a previous concerted signal of three minute-guns, twice fired at intervals of five minutes, which have since been heard, as near as the heavy thunder would enable us to ascertain, leads me to hope that the blockade has been run successfully, although the batteries opened upon her with forty-seven guns while passing.

I am, therefore, so exceedingly anxious to hear the fate of the noble officers and men who so readily were disposed to attempt the hazardous service, that I beg you will immediately inform me by bearer if Commander Walke has arrived with his vessel, and the condition in which you find her and her officers and men.

I am, respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Major General JOHN POPE,
Commanding Army at New Madrid, Missouri.

HEADQUARTERS DISTRICT OF THE MISSISSIPPI,

New Madrid, April 5, 1862.

SIR: Your note of yesterday has just been received. Captain Walke arrived safely with the Carondelet, not a shot having touched her. Officers and men are in good condition for service.

I requested Colonel Scott, Assistant Secretary of War, to write to you yesterday in relation to sending another one of the gunboats, and, with profound respect, I venture to urge you still further on the subject. I have not a doubt but that one of them could run the batteries without any serious injury. Notwithstanding their inferior character, the enemy's gunboats pass and repass our batteries in the night without injury.

My best artillerists—officers of the regular army, of many years' experience—state positively that it is impossible, in the night, to fire with any kind of certainty the large guns (32s) of our batteries, especially at a moving object. The shot fired at the Carondelet passed 200 feet above her.

I am thus urgent, sir, because the lives of thousands of men, and the success of our operations, hang upon your decision. With the two boats all is safe; with one it is uncertain. The lives of the men composing this army are in my keeping, and I do not feel justified in omitting any steps to fortify this movement against any accident which might occasion disaster not to be repaired.

Certainly the risk to a gunboat running down in the night is not nearly so great, and involves no such consequences, as the risk to ten thousand men crossing a great river in the face of the enemy.

You will excuse me, I am sure, if I seem urgent. A sense of duty impels me to present the facts as forcibly as possible.

I am, sir, very respectfully, your obedient servant,

JOHN POPE,
Major General Commanding.

Flag-Officer A. H. FOOTE,
Commanding Mississippi Flotilla.

FLAG-STEAMER BENTON,
Off Island No. 10, April 6, 1862.

GENERAL: Your letter of this day's date, announcing the safe arrival of the Carondelet at New Madrid, was received at 8 o'clock this evening. The telegram of Assistant Secretary Scott reached me a few minutes later.

Colonel Bissel, who has charge of the steamers and barges now in the slough, *en route* to New Madrid, has requested that two tugs, even, might be sent to you, which would, with arrangements he could make, enable you to transport your forces to the opposite side of the river, in case it was deemed inexpedient to send a gunboat for that purpose. You, yourself, in a late letter, apply for a gunboat, our smallest gunboat, even, for that purpose. I could last night, had you made a point of having two gunboats, sent them with comparative safety, as the night was dark, while the vivid lightning enabled the pilots to keep the channel. Again, it is now too late to obtain the hay and other necessary articles for the protection of the gunboat to-night, to say nothing of the clear atmosphere, rendering a boat as visible, or as good an object to sight, as in the daytime. For these reasons I cannot, neither does a single navy officer, and, I presume, not a pilot, in the squadron, consider that a gunboat could run the blockade to-night without an almost certainty of its being sunk in the attempt, especially if the guns were served with any degree of skill or ability whatever.

I am sorry to find the expression in your letter, "The success of our operations hangs up your (my) decision," especially referring to my directing a gun-

boat to attempt running the blockade in this clear night; for, in my judgment, and that of all the other officers, the boat might as well expect to run it in the daytime. I cannot consider the running of your blockade, where the river is nearly a mile wide, and only exposed to a few light guns, at all comparable to running it here, where a boat has not only to pass seven batteries, but has to be kept "head on" to a battery of eleven heavy guns at the head of Island No. 10, and to pass within 300 yards of this strong battery. If it did not sink the gunboat, we would, in the navy, consider the gunners totally unfit for employment in the service; and, therefore, my responsibility for the lives of the officers and men under my charge induces me to decline a request which would, especially without protection to the boat, were the rebels at all competent to perform their duty, result in the sacrifice of the boat, her officers, and men, which sacrifice I should not be justified in making—certainly not now, when, by your own admission, it will be easy for the new rebel steamers, reported to be on their way up the river, to pass your batteries in the night, and if they meet my squadron, reduced by loss, so as to be unable to cope with them, can continue up the Mississippi or Ohio to St. Louis or to Cincinnati.

In view, however, of rendering you all the aid you request, and no doubt require, while I regret that you had not earlier expressed the apprehension of the necessity of two gunboats, instead of the smaller gunboat, I will, to-morrow, endeavor to prepare another boat; and if the night is such as will render her running the blockade without serious disaster at all probable, I will make the attempt to send you the additional boat requested in your letter of this day's date.

I am, respectfully, your obedient servant,

A. H. FOOTE,

Flag-Officer Commanding Naval Forces, Western Waters.

Major General JOHN POPE,

Commanding Army at New Madrid.

UNITED STATES FLAG-STEAMER BENTON,

Off Island No. 10, April 5, 1862.

SIR: I have the honor to enclose several letters and papers referring to our action here within the last three or four days.

By spiking the rebel guns in one fort, and compelling the floating battery to cut adrift from her moorings on the following day from our effective fire upon her, these have enabled the Carondelet, Commander Walke, to run, as I hope, successfully the blockade, and join General Pope at New Madrid, who has been urging me to send him one or two gunboats to cover his troops while he lands in force to attack them in front. While the Carondelet was running the blockade last night in the midst of a heavy thunder storm, the batteries opened upon her with forty-seven guns. Still, as the preconcerted signal with that vessel of firing minute guns was made as far as the heavy thunder would enable us to hear, I trust that she is now safely at New Madrid.

I have the honor to be your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

[Telegrams.]

STEAMER BENTON,
Off Island No. 10, April 7, 1862.

Two officers have this instant boarded us from Island No. 10, stating that, by order of their commanding officer, they are ordered to surrender Island No. 10 to the commodore commanding the gunboats. As these officers know nothing of the batteries on the Tennessee shore, I have sent Captain Phelps to ascertain something definite on the subject. I will telegraph when further information is received.

With General Pope now advancing from New Madrid in strong force to attack in rear, I am, with the gun and mortar boats, ready to attack in front, while General Buford here is ready to co-operate with the land forces. But it seems as if the place is to be surrendered without further defence.

A. H. FOOTE,
Flag-Officer Commanding Naval Forces, Western Waters.

Hon. GIDEON WELLES,
Secretary of the Navy.

FLAG-STEAMER BENTON,
Off Island No. 10, April 8—1 a. m.

My telegram, three hours since, informed the department that Island No. 10 had surrendered to the gunboats. Captain Phelps has this instant returned, after having had an interview with the late commandant. I have requested General Buford, commanding the troops, to proceed immediately, in company with two of the gunboats, and take possession of the island. The batteries on the Tennessee shore have been hastily evacuated, where we shall find, no doubt, in the morning, large quantities of munitions of war.

I communicate with General Pope, who has, under cover of the two gunboats which gallantly ran the blockade in the thunder storm, crossed the river in force, and was ready, as well as the gun and mortar boats, with General Buford and his troops, to make a simultaneous attack upon the rebels, had they not so hastily evacuated the Tennessee shore and surrendered Island No. 10.

A full report will be made as soon as we can obtain possession of the land batteries and I am able to communicate with General Pope.

A. H. FOOTE, *Flag-Officer, &c.*

Hon. GIDEON WELLES,
Secretary of the Navy.

[Telegram, via Cairo.]

FLAG-STEAMER BENTON,
Off Island No. 10, April 8, 1862.

This morning at 2 o'clock, in a heavy thunder storm, the gunboat Pittsburg, Lieutenant Commanding Thompson, ran the blockade, under fire of seventy-three guns, and has probably reached New Madrid, and is now with the Carondelet, Commodore Walke, as reports of heavy guns are heard opening upon the rebel batteries on the opposite shore, to destroy them, that General Pope, with his army, may land on the Tennessee side, preparatory to moving to attack the rear of the rebels at this place while we attack them in front.

A. H. FOOTE,
Flag-Officer, Commanding.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

FLAG-STEAMER BENTON,

Island No. 10, April 9, 1862.

SIR: I have the honor to enclose a copy of a telegram of my report to the department of the surrender of Island No. 10.

I also send a copy of the rebel navy signals. Commander Kilty, of the gunboat Mound City, captured the signal-book, signals, and telegraphic dictionary. As we shall probably meet the rebel gunboats, I retain the signal-book, which is almost a copy from ours. I will soon send the drawings and plans of the celebrated floating battery, which lies submerged between here and New Madrid.

General Pope is now with me, and reports that he has captured 6,000 prisoners, including three generals. He wishes to move an army of 25,000 men down the river, but as time is important, and I am ready to move with the flotilla, I have asked him to send some 3,000 or 5,000 with us, by which I hope to move on Fort Pillow by day after to-morrow. It is important that an early move should be made on our part on Fort Pillow, before the rebels recover from their panic, and then we are on to Memphis.

I write in the greatest haste, and trust that this incoherent report will be excused.

I have the honor to be, &c.,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy.

FLAG-SHIP BENTON,

Island No. 10, April 8, 1862, (via Cairo.)

I have the honor to inform the department that since I sent the telegram last night, announcing the surrender to me of Island No. 10, possession has been taken of both the island and the works upon the Tennessee shore by the gunboats and the troops under command of General Buford. Seventeen officers and three hundred and sixty-eight privates, besides one hundred of their sick and one hundred men employed on board the transports, are in our hands, unconditional prisoners of war.

I have caused a hasty examination to be made of the forts, batteries, and munitions of war captured. There are eleven earthworks, with seventy heavy cannon, varying in calibre from 32 to 100-pounders, rifled. The magazines are well supplied with powder, and there are large quantities of shot, shells, and other munitions of war, and also great quantities of provisions. Four steamers afloat have fallen into our hands, and two others, with the rebel gunboat Grampus, are sunk, but will be easily raised. The floating battery of sixteen heavy guns, turned adrift by the rebels, is said to be lying on the Missouri shore below New Madrid. Two wharf boats, loaded with provisions, are also in our possession.

The enemy upon the main land appears to have fled with great precipitation after dark last night, leaving in many cases, half-prepared meals in their quarters; and there seems to have been no concert of action between the rebels upon the island and those occupying the shore, but the latter fled, leaving the former to their fate. These works, erected with the highest engineering skill, are of great strength, and, with their natural advantages, would have been impregnable if defended by men fighting in a better cause.

A combined attack of the naval and land forces would have taken place this afternoon or to-morrow morning had not the rebels abandoned this stronghold. To mature these plans of attack absolutely required the last twenty-three days

of preparation. General Pope is momentarily expected to arrive with his army at this point, he having successfully crossed the river yesterday, under a heavy fire, which, no doubt, led to the hasty abandonment of the works last night. I am unofficially informed that the two gunboats which so gallantly ran the fire of the rebel batteries a few nights since yesterday attacked and reduced a fort of the enemy opposite, mounting eight heavy guns.

The following is a copy of the order of General Mackall on assuming command of the rebel forces on the 5th instant :

“HEADQUARTERS MADRID BEND, *April 5, 1862.*

“SOLDIERS : We are strangers, commander and commanded, each to the other. Let me tell you who I am. I am a general made by Beauregard ; a general selected by Beauregard and Bragg for this command when they knew it was in peril. They have known me for twenty years ; together we have stood on the fields of Mexico. Give them you confidence now ; give it to me when I have earned it.

“Soldiers, the Mississippi valley is intrusted to your courage, to your discipline, to your patience. Exhibit the vigilance and coolness of last night, and hold it.

“W. D. MACKALL,
“*Brigadier General Commanding.*”

I regret that the painful condition of my foot, still requiring me to use crutches, prevented me from making a personal examination of the works. I was therefore compelled to delegate that duty to Lieutenant Commanding S. L. Phelps, of the flag-ship Benton.

I am, sir, respectfully, &c.,

A. H. FOOTE, *Flag-Officer*
Commanding Naval Forces, Western Waters.

Hon. GIDEON WELLES,
Secretary of the Navy.

Engagement of the Carondelet and Pittsburg with the enemy in the vicinity of New Madrid, April 6, 1862.

UNITED STATES FLAG-STEAMER BENTON,
Island No. 10, April 11, 1862.

SIR : I have the honor to enclose a report from Commander Walke, of the gunboat Carondelet, detailing the services rendered by him, and the Pittsburg, Lieutenant Commanding Thompson, in the vicinity of New Madrid, from which it will be seen that the boats opened upon and effectually silenced and captured several heavy batteries on the Tennessee side of the river, on the 6th and 7th instant, without which destruction it would have been impossible for General Pope to have crossed the river for the purpose of attacking the rebels in the rear at No. 10, while the gun and mortar boats would make the attack in front.

There has been an effective and harmonious co-operation between the land and naval forces, which has, under Providence, led to the glorious result of the fall of this stronghold, No. 10, with the garrison and munitions of war, and I regret to see in the despatches of Major General Halleck, from St. Louis, no reference is made to the capture of forts, and the continuous shelling of gun and mortar boats, and the navy's receiving the surrender of No. 10, when, in reality, it should be recorded as an historical fact that both services equally contributed

to the victory—a bloodless victory—more creditable to humanity than if thousands had been slain.

I also enclose reports from Lieutenants Commanding Gwin and Shirk, of the gunboats Tyler and Lexington, in the Tennessee, giving a graphic account of that great battle, and the assistance rendered by these boats near Pittsburg; stating that “when the left wing of our army was being driven into the river, at short range, they opened fire upon them, silencing the enemy, and, as I hear from many army officers on the field, totally demoralizing his forces, and driving them from their position in a perfect rout, *in the space of ten minutes.*”

These officers and men, as well as those of Commander Walke, and the officers and men of the Carondelet and Pittsburg, behaved with a degree of gallantry highly creditable to themselves and the navy.

I proceed to-day, with the entire flotilla, to New Madrid, and leave to-morrow for Fort Pillow, or the next point down the river which may attempt to resist the raising of the blockade.

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES GUNBOAT CARONDELET,
Off Tiptonville, Tenn., April 8, 1862.

SIR: In accordance with the instructions of General Pope, I received on board General Grainger and staff on the morning of the 6th instant, and proceeded down the Mississippi river opposite to this place, making an extensive reconnoissance.

On our way down we exchanged a few shots with some of the enemy's batteries on the Tennessee side, and on our way back we attacked one of two seige guns, 28-pounders, which had engaged us. We disabled and spiked these guns without receiving any injury. The remainder of the enemy's batteries fired upon us on our way to New Madrid, as long as we were within range.

After my return to New Madrid General Pope informed me of your intention to send another gunboat, and requested that I should go down the river and destroy the remaining rebel batteries above Point Pleasant.

At dawn the following morning, and after a given signal, he would land his army and attack that of the enemy at or near Island No. 10. The Pittsburg did not arrive until 5 o'clock in the morning; but, as the transports, (one at least,) without troops on board, were under way, going down, I got under way at 6.30, (having ordered Commander Thompson verbally, and by signal, to follow my motions,) and proceeded down to the enemy's lower and heaviest battery, consisting of one 64-pound gun and two 64-pound seige howitzers. We opened a constant, deliberate, and well-directed fire upon it for three quarters of an hour, feebly assisted by our batteries on shore, when the enemy slackened his fire. A shot passed through our fourth cutter and starboard quarter, cutting away the sheave of our wheel-rope, striking our stern-gun, and bounding over our stern. About this time the Pittsburg commenced firing at long range, as she came down. As soon as our steering gear was repaired, I gradually closed on the enemy, firing a shot now and then, (the Pittsburg, at a distance astern, throwing shell in a dangerous position across our bow,) until the fort was deserted by the enemy. I spiked and disabled the guns of this fort, and I then proceeded up 300 yards further, and found a 64-pounder seige howitzer dismounted; 300 yards further on I spiked another 64-pounder seige howitzer, and 480 yards further we found a fine 64-pound gun on a pivot, spiked, and being deserted by

the enemy, who set fire to a private residence there, and upon whom we fired as they ran off. A large quantity of ammunition was left by them at each fort. I then made the required signal, crossed over to our army, received further instructions from General Pope, and covered their disembarkment on the Tennessee shore, at the captured fort, above Point Pleasant. At evening we steamed down to our camp opposite the enemy's fort at this place, and headed the gunboats for the enemy's battery until early this morning, when we got under way and crossed over to Tiptonville, the enemy having disappeared.

The officers and crew of this vessel, during the trials and dangers of their battles, conducted themselves with admirable coolness and ability; to do justice to many of whom will require a more special letter.

Most respectfully, your obedient servant,

H. WALKE,
Commander, U. S. N.

Flag-Officer A. H. FOOTE,
Commanding U. S. Naval Forces, Western Waters.

UNITED STATES GUNBOAT TYLER,

Pittsburg, Tennessee, April 8, 1862.

SIR: I have the honor to inform you that the enemy attacked our lines on the left the morning of the 6th instant, at 6.30, and, by his overwhelming numbers, forced our men to fall back in some confusion. At 9.25, finding that the rebels were still driving our left wing back, I steamed up to a point one mile above Pittsburg, taking a good position to support our troops, should they be forced down to the banks of the river. At 10.15 the Lexington, Lieutenant Commanding Shirk, joined me, having come up from Crump's Landing. After a short time she returned, for the purpose of supporting the command of General Wallace, which occupied that point.

Not having received any instructions from the commanding general in regard to the service to be rendered by the gunboats, I awaited them patiently, although, for an hour or more, shot and shell were falling all around us. Feeling that, could some system of communication be established, the Tyler might be of great advantage to our left wing, at 1.25 p. m. I sent an officer, requesting that I might be allowed to open on the woods in the direction of the batteries and advancing forces of the enemy. General Hurlburt, who commanded on our left, sent me word to do so, giving me directions how to fire that I might do it with no danger to our troops, and expressing himself grateful for this offer of support, saying that without reinforcements he would not be able to maintain the position he then occupied for an hour. Therefore, at 2.50, I opened fire in the line directed, with good effect, silencing their battery on our left; at 3.50 ceased firing, and dropped down opposite the landing at Pittsburg.

Sent Mr. Peters, gunner, on shore, to communicate with General Grant for further instructions. His response was, to use my own judgment in the matter. At 4 p. m. the Lexington, Lieutenant Commanding Shirk, having arrived from Crump's Landing, the Tyler, in company with the Lexington, took position three quarters of a mile above Pittsburg, and opened a heavy fire in the direction of the rebel batteries on their right, the missiles from which were falling all around us. We silenced them in thirty minutes. At 5.30, the rebels having succeeded in gaining a position on our left, an eighth of a mile above the landing at Pittsburg and half a mile from the river, both vessels opened a heavy and well-directed fire on them, and in a short time, in conjunction with our artillery on shore, succeeded in silencing their artillery, driving them back in confusion.

At 6 p. m. the Tyler opened deliberate fire in the direction of the enemy's right wing, throwing 5" and 10" shell; at 6.25 ceased firing.

At 9 p. m. the Tyler again opened fire, by direction of General Nelson, (who greatly distinguished himself in yesterday's engagement,) throwing 5", 10", and 15" shell and an occasional shrapnel from the howitzer, at intervals of ten minutes, in the direction of the enemy's right wing, until 1 a. m., when the Lexington relieved us, and continued the fire at intervals of fifteen minutes, till 5 a. m., when, our land forces having attacked the enemy, forcing them gradually back, it made it dangerous for the gunboats to fire.

At 7 I received a communication from General Grant—enclosed is a copy—which prevented the gunboats taking an active part throughout the rest of the day. Lieutenant Commanding Shirk deserves the highest praise for the efficient manner in which the battery of the Lexington was served. At 5.35 p. m. the enemy were forced to retreat in haste, having contested every inch of ground with great stubbornness during the entire day.

The officers and men of this vessel displayed their usual gallantry and enthusiasm during the entire day and night. Your "old wooden boats," I feel confident, rendered invaluable service, on the 6th instant, to the land forces. Gunner Herman Peters deserves great credit for the prompt and courageous manner in which he traversed our lines, conveying communications from this vessel to the commanding general.

The rebels had a force of 100,000 men. A. S. Johnson, (killed, body found on the field,) Beauregard, Hardee, Bragg, and Polk being their commanding generals. Governor Johnson, provisional governor of Kentucky, is a prisoner in our hands, mortally wounded. Loss severe on both sides; ours probably 10,000; the rebels suffered a much greater one. I think this has been a crushing blow to the rebellion.

I am happy to state that no casualties occurred on either of the gunboats.

The Tyler expended 188 shell, four solid shot, two stand of grape, and six shrapnel. Enclosed I send you Lieutenant Commanding Shirk's report.

Your obedient servant,

WM. GWIN,

Lieutenant Commanding Division of Gunboats on Tennessee River.

Flag-Officer A. H. FOOTE,

Commanding Naval Forces on Western Waters.

UNITED STATES GUNBOAT LEXINGTON,
Pittsburg, Tennessee, April 8, 1862.

SIR: On the morning of the 6th instant, while lying at Crump's Landing, I heard severe cannonading in the direction of Pittsburg. I got under way, and stood up the river to communicate with Lieutenant Commanding Gwin, of the Tyler.

Upon my reaching this place I found that an attack had been made by the rebels in force. I returned to Crump's to support the division under command of General Lew Wallace, when I found that his division had proceeded to join the main force, back of Pittsburg Landing.

I then steamed back to this place, and no instructions reaching the gunboats from the commanding general on shore, we were forced to remain inactive hearers of the desperate fight, until the left wing of our forces having been forced back and completely turned, and the rebels getting so near the river that the missiles from their batteries fell thick and fast over and around us, enabled us to use our great guns with such effect that the fire of the enemy was silenced in thirty minutes.

This was between 4.10 and 4.40 p. m. Again, at 5.35, the enemy having gained a position on the left of our lines, within an eighth of a mile of the landing and of the transports, we again, with the Tyler, opened fire upon them, silencing the enemy, and, as I hear from many army officers on the field, totally demoralizing his forces, and driving them from their position, in a perfect rout, *in the space of ten minutes.*

The firing on the part of the land forces then ceased. At eight o'clock I went down to Crump's Landing, and finding that everything was quiet there returned to this place.

At 1 a. m. on the 7th I relieved the Tyler, Lieutenant Commanding Gwin, in a position immediately above the landing, and fired, until daylight, a shell every fifteen minutes into the enemy's camp.

Yesterday, at daylight, the fight recommenced between the two parties on shore, and continued until 5 p. m., when the enemy made a hurried retreat.

The gunboats occupying a position on the left of our lines not being allowed to fire, I spent the morning and part of the afternoon in acts of mercy; picking up the wounded who had found their way to the river, and conveying them to the hospital boats.

I must say that the gallantry and good conduct of the officers and men whom I have the honor to command, displayed upon this occasion, as often before, are beyond all praise.

I have the honor to be, sir, your most obedient servant,

JAMES W. SHIRK,
Lieutenant Commanding.

Flag-Officer A. H. FOOTE,

*United States Navy, Commanding United States
Naval Forces on Western Waters, Cairo, Illinois.*

Thanks of the department to certain officers.

NAVY DEPARTMENT, April 12, 1862.

SIR: The department desires you to convey to Commander Henry Walke and the officers and men of the Carondelet, also to Acting First Master Hoel, of the Cincinnati, who volunteered for the occasion, its thanks for the gallant and successful service rendered in running the Carondelet past the rebel batteries on the night of the 4th instant. It was a daring and heroic act, well executed, and deserving of special recognition.

Commendation is also to be extended to the officers and crew of the Pittsburg, who, in like manner, on the night of the 7th instant performed a similar service. These fearless acts dismayed the enemy, enabled the army under General Pope to cross the Mississippi and eventuated in the surrender to yourself of Island No. 10, and finally in the capture, by General Pope, of the forts on the Tennessee shore, and the retreating rebels under General Mackall.

I would also, in this connexion, render the acknowledgments which are justly due the officers and crews of the several boats who, in conjunction with a detachment of the forty-second Illinois regiment, under Colonel Roberts, captured the first rebel battery and spiked the guns on Island No. 10 on the night of the 1st instant. Such services are duly appreciated by the department, which extends its thanks to all who participated in the achievement.

I am, respectfully, your obedient servant,

GIDEON WELLES.

Flag-Officer A. H. FOOTE,

Commanding Gunboat Flotilla, &c., Cairo, Illinois.

Destruction of trestle-work of the Memphis and Charleston railroad.

UNITED STATES GUNBOAT TYLER,

Pittsburg, Tennessee, April 14, 1862.

I have the honor to inform you that the Tyler and Lexington convoyed two transports, containing two thousand troops, infantry and cavalry, under the command of General Sherman, to Chickasaw, Alabama, where they disembarked and proceeded rapidly to Bear Creek bridge, the crossing of the Memphis and Charleston railroad, for the purpose of destroying it and as much of the trestle-work as they could find.

I am happy to state that the expedition was entirely successful. The bridge, consisting of two spans, one hundred and ten feet each, was completely destroyed, (*i. e.*, the superstructure,) together with some five hundred feet of trestle-work and half a mile of telegraph line.

The rebels made a feeble resistance to our cavalry, one hundred and twenty in number, but soon made a hasty retreat, losing four killed; our loss, none.

I regret to state that, in firing a salute on the 12th, John D. Seymour, boatswain's mate, was so much injured by the premature discharge of a gun as to cause his death yesterday morning.

Allow me to congratulate you, and those under your command, on your great success at Island No. 10. Enclosed I send you Lieutenant Commanding Shirk's report.

Very respectfully, &c.,

WILLIAM GWIN,

Lieutenant Commanding Division of Gunboats on Tennessee River.

Flag-Officer A. H. FOOTE,

Commanding Naval Forces Western Waters.

Flag-Officer Foote reports having gone to New Madrid from Island No. 10.

FLAG-STEAMER BENTON,

Off Fort Pillow, April 14, 1862.

SIR: I have the honor to report that on the 11th instant I proceeded with the flotilla from Island No. 10 to New Madrid, and left that place with all our force on the 12th instant, and anchored the same evening near and just below the Arkansas line, fifty miles distant from New Madrid.

Early in the morning General Pope, with transports conveying his army of twenty thousand men, arrived from New Madrid. At 8 o'clock five rebel gunboats rounded the point below us, when the gunboats, the Benton in advance, immediately got under way and proceeded in pursuit; and when within long range opened upon the rebels, followed by the Carondelet, and Cincinnati, and the other boats. After an exchange of some twenty shots, the rebel boats rapidly steamed down the river and kept beyond our range until they reached the batteries of Fort Pillow, a distance of more than thirty miles. We followed them to within a mile of Fort Pillow, within easy range of their batteries, for the purpose of making a good reconnoissance, at considerable expense, however; but it was not till we had rounded to and ran some distance up stream when the enemy opened fire upon us, and then with no effect, their shot, most of them, going beyond us. Having accomplished our object, I tied the flotilla up to the banks on the Tennessee side, out of range of the forts, for the night.

General Pope, with Assistant Secretary Scott, came aboard at 3 p. m., when it was arranged that the mortar-boats should be placed in the morning on the

Arkansas shore, within range of the forts, to be protected by the gunboats, and General Pope, with most of his force, should land five miles above, with the view of getting his army, if possible, to the rear of the fortifications and make the attack in rear, while we should, with gun and mortar-boats, attack them in front.

This place has a long line of fortifications, with guns of heavy calibre; their number and the number of their men I have not yet been able to ascertain. The secession feeling here, as I learn from several persons coming on board, is very strong, and they express the opinion that the resistance will be very determined.

Three p. m.—General Pope has returned with his transports, and informs me that he is unable to reach the rear of the rebels from any point of the river above, and proposes to cut a canal on the Arkansas side, which will enable us to get three or four of the gunboats below, and thus enable him to cross the river below the upper forts, and thus cut off the batteries. We shall thus have three iron-clad boats above and four below, which I presume will be all that will be required in case the six gunboats of the rebels make an attack upon either division, as three of our gunboats ought successfully to cope with six of theirs.

The mortars are now firing, and have driven the rebel gunboats out of range down the river.

I shall continue to keep the department advised of our movements.

The effects of my wound have quite a dispiriting effect upon me from the increased inflammation and swelling of my foot and leg, which have induced a febrile action, depriving me of a good deal of sleep and energy. I cannot give the wound that attention and rest it absolutely requires until this place is captured.

I have the honor to be your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy.

Flag-Officer Foote's report of operations off Fort Pillow.

UNITED STATES FLAG-STEAMER BENTON,
Off Fort Pillow, April 17, 1862.

SIR: I have the honor to inform the department that yesterday, and the day preceding, I had, with General Pope, made such arrangements, by combining our own with the forces of the army, that our possession of this stronghold seemed to be inevitable in less than six days. I had even stronger hopes of this desirable result than I entertained even at No. 10, till the actual surrender was tendered. Our object then, after leaving a force to garrison the place, was to proceed to Memphis immediately, where, I have good authority for stating, we would have been received without opposition. But the sudden withdrawal of the entire army of General Pope this morning, under orders to proceed directly up the Tennessee river to join General Halleck's command at Pittsburg, has frustrated the best matured and most hopeful plans and expectations thus far formed in this expedition. Two volunteer regiments, under command of Colonel Fitch, were left here by General Pope to co-operate with the flotilla. While I deeply regret the withdrawal of General Pope's command, I am not at all questioning the propriety, and even the necessity, of its presence at Pittsburg, and I shall use every exertion with the force remaining to accomplish good results.

It is a great object to obtain early possession of this place and Memphis, as ten of the rebel gunboats are now at Fort Pillow, and ten others are reported as *en route* to Memphis, and daily expected at that place. It is reported that

Commodore Hollins left Fort Pillow on Sunday to bring up the heavy gunboat Louisiana, now about completed at New Orleans. With the exception of this vessel, however, we have little to apprehend from the other rebel gunboats, according to the representation of the four or six deserters lately coming to us from the gunboats at Fort Pillow. At all events, the department may rest assured of every exertion being made on our part to accomplish the great work intrusted to this expedition. * * *

I have the honor to be, your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-STEAMER BENTON,

Off Fort Pillow, April 19, 1862.

SIR: I have the honor to inform the department that since my last communication of the 17th instant, we have been occasionally throwing shells into the rebel fortifications from the mortar boats, which have been returned from their rifled guns, without producing any effect. Ours have compelled one encampment to remove its quarters, and from several deserters we learn have otherwise discomfited them.

One or two examinations made by Colonel Fitch, commanding the two regiments left to co-operate with the flotilla by General Pope on withdrawing his army, have been unsuccessful, thus far, in finding a bayou for our boats, and a position below Fort Pillow, where a battery can be placed to command the river below. I shall again render him assistance by sending over small boats, in hopes that at a distance further up the river we may be able to discover a bayou leading into a lake, in which water sufficient may be found for our gunboats, with a view of erecting a battery under their protection, which will blockade the river below and enable his force, although not exceeding fifteen hundred men, to come upon the rebels in rear, while, with the remaining gunboats here, we attack them in front.

I am greatly exercised about our position here, on account of the withdrawal of the army of 20,000 men, so important an element to the capture of the place. Fort Pillow has for its defence at least forty heavy guns in position and nine gunboats—six of them, however, being wooden boats, but armed with heavy guns—with a force of six thousand troops. Our force consists of seven iron-clad and one wooden gunboat, sixteen mortar-boats, only available in throwing shells at a distance, and even worse than useless for defence, and a land force of two regiments, not exceeding 1,500 troops. Under these circumstances an attack on our part, unless we can at first establish a battery below the fort under the protection of the gunboats, and to co-operate with it after its completion, would be extremely hazardous, although its attempt might prove successful, and even be good policy under other circumstances; but it can hardly now be so regarded, as a disaster would place all that we have gained on this and other rivers at the mercy of the rebel fleet, unless the batteries designed to command the river from below are completed at No. 10, or at Columbus, which I very much doubt. I therefore hesitate about a direct attack upon this place now, more than I should were the river above properly protected, although by it and loss of time the rebels may succeed in getting up to Fort Pillow their entire fleet of gunboats. As I stated in my last communication, had not General Pope's army been withdrawn we have every reason for believing that a plan we had adopted would have insured the fall of Fort Pillow in four days, and enabled us to have moved on Memphis in two days afterwards. It has always been my

expectation that a large army would co-operate with the gunboats, and now the fall of Corinth and movements of our troops on to Memphis seem to be essential to our holding this place and reaching Memphis with the flotilla. * * *

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-STEAMER BENTON,

Off Fort Pillow, April 23, 1862.

SIR: I have the honor to inform the department that since my last communication, with the exception of a day or two, when the heavy rains caused the mortars to recoil dangerously on the wet platform, we have been shelling the rebel batteries at Fort Pillow, and most of the time kept their gunboats beyond our range. Colonel Fitch, in command of the 1,200 infantry left here by General Pope, has been examining bayous and creeks, with a view of getting guns to blockade the river, and prevent the new gunboats from coming up from New Orleans and Memphis; but as the rebels are in great force, and no tools or conveniences for cutting through the swamps were left by General Pope when his army, so unfortunately for us, was withdrawn, he has made as yet no satisfactory progress.

I am doing all in my power towards devising ways and means preparatory to a successful attack on the forts, and shall continue to do so; but as the capture of this place was predicated upon a large land force co-operating with the flotilla, or its being turned by the army marching upon Memphis, and considering the difficulties of fighting the flotilla down stream with our slow boats compared with up-stream work, the department will not be surprised at our delay and having made no further progress towards the capture of this stronghold of the rebels. I shall, however, do all in my power to be successful here, and exert myself, even beyond my impaired health and strength, towards the accomplishment of this great object.

The rebels are strongly fortified on land, and have eleven gunboats lying near, or rather below their fortifications. A resident of the place informs me this morning that thirteen gunboats are now here, seven of which, however, are mere river steamers with boilers and machinery sunk into the hold, and otherwise protected; but they carry from four, six, to eight guns of heavy calibre, some of which are rifled. The other boats are iron-plated or filled in with cotton. The large steamer of sixteen or twenty guns being plated, and named the "Louisiana," has not arrived, but is daily expected from New Orleans.

I have thus given the department the best information I can obtain from the most reliable sources—from resident Union men, and the twelve deserters from the enemy, whose accounts, however, are conflicting, many of them giving fabulous numbers of men, guns, and gunboats. We have not force enough to hold the place if we take it.

I have the honor to be, very respectfully, your obedient servant,

A. H. FOOTE, *Flag-Officer.*

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

P. S. In a picket skirmish yesterday the rebels lost one killed, and one or two wounded. No loss on our side.

A. H. F.

Captain C. H. Davis's report of an engagement with rebel gunboats off Fort Pillow, May 10, 1862.

UNITED STATES FLAG-STEAMER BENTON,
Off Fort Pillow, May 11, 1862.

SIR: I have the honor to inform the department that yesterday morning a little after seven o'clock the rebel squadron, consisting of eight iron-clad steamers, four of them, I believe, fitted as rams, came around the point at the bend above Fort Pillow and steamed gallantly up the river, fully prepared for a regular engagement.

The vessels of this squadron were lying at the time tied up to the bank of the river, three on the eastern and four on the western side, and—as they were transferred to me by Flag-Officer Foote—ready for action. Most of the vessels were prompt in obeying the signal to follow the motions of the commander-in-chief.

The leading vessels of the rebel squadron made directly for mortar-boat No. 16, which was for a moment unprotected. Acting master Gregory, and his crew, behaved with great spirit. During the action he fired his mortar eleven times at the enemy, reducing his charge and diminishing the elevation.

Commander Stembel, in the gunboat Cincinnati, which was the leading vessel in the line on that side of the river, followed immediately by Commander Kilty, in the gunboat Mound City, hastened to the support of the mortar-boat, and were repeatedly struck by the enemy's rams at the same time that they disabled the enemy and drove him away.

The two leading vessels in the middle of the enemy's line were successfully encountered by this ship. The boilers or steam-chest of one of them was exploded by our shot, and both of them were disabled; they, as well as the first vessel encountered by the Cincinnati, drifted down the river.

Commander Walke informs me that he fired a fifty-pound rifle-shot through the boilers of the third of the enemy's gunboats of the western line, and rendered her for the time being helpless. All of these vessels might easily have been captured if we had possessed the means of towing them out of action, but the steam-power of our gunboats is so disproportionate to the bulk of the vessels that they can accomplish but little beyond overcoming the strength of the current even when unincumbered.

The action lasted during the better part of an hour, and took place at the closest quarters. The enemy finally retreated with haste below the guns of Fort Pillow.

I have to call the especial attention of the department to the gallantry and good conduct exhibited by Commanders Stembel and Kilty, and Lieutenant commanding S. L. Phelps.

I regret to say that Commander Stembel, Fourth Master Reynolds, and one of the seamen of the Cincinnati, and one of the Mound City, were severely wounded; the other accidents of the day were slight.

The Cincinnati and Mound City are injured, and must sooner or later go up the river to be repaired.

I have the honor to be your most obedient servant,

C. H. DAVIS,

Captain, Commanding Mississippi Flotilla pro tem.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Flag-Officer Davis's report of the surrender of Memphis.

UNITED STATES FLAG-STEAMER BENTON,
Memphis, June 6, 1862.

SIR: In my despatch of yesterday, dated at Fort Pillow, I had the honor to inform the department that I was about moving to this place with the men-of-war and transports. I got under way from Fort Pillow at noon, leaving the Pittsburg, Lieutenant Commanding Egbert Thompson, to co-operate with a detachment of Colonel Fitch's command in holding possession of Fort Pillow and securing public property at that place, and also the Mound City, Commander A. H. Kilty, to convoy the transports containing the troops not then ready to move.

On the way down I came suddenly, at a bend of the river, upon the rebel transport steamer Sovereign, which turned immediately to escape from us. I sent forward Lieutenant Joshua Bishop, with a body of small-armed men, in a light tug, by whom she was captured. She is a valuable prize.

The gunboats anchored, at 8 o'clock p. m., at the lower end of island No. 45, about a mile and a half above the city of Memphis. The mortar-boats, tow-boats, ordnance, commissary, and other vessels of the fleet, tied up at island No. 44 for the night.

At daylight this morning the enemy's fleet, consisting of the rebel rams and gunboat, now numbering eight vessels, were discovered lying at the levee. They dropped below Railroad Point, and, returning again, arranged themselves in front of the city.

At 4.20 the flotilla, consisting of the following five vessels—the flag-ship Benton, Lieutenant Commanding S. L. Phelps; the Louisville, Commander B. M. Dove; the Carondelet, Commander Henry Walke; the Cairo, Lieutenant Commanding N. C. Bryant; and the St. Louis, Lieutenant Commanding Wilson McGunagle—got under way by signal, and dropped down the river.

The rebels, still lying in front of the town, opened fire, with the intention of exposing the city to injury from our shot. The fire was returned, on our part, with due care in this regard. While the engagement was going on in this manner two vessels of the ram fleet, under command of Colonel Ellet—the Queen of the West and Monarch—steamed rapidly by us and ran boldly into the enemy's line. Several conflicts had taken place between the rams before the flotilla, led by the Benton, moving at a slower rate, could arrive at the closest quarters. In the meantime, however, the firing from our gunboats was continuous, and exceedingly well directed.

The General Beauregard and the Little Rebel were struck in the boilers and blown up.

The ram Queen of the West, which Colonel Ellet commanded in person, encountered with full power the rebel steamer General Lovell, and sunk her, but in doing so sustained some serious damage.

Up to this time the rebel fleet had maintained its position, and used its guns with great spirit. These disasters, however, compelled the remaining vessels to resort to their superiority in speed as the only means of safety. A running fight took place, which lasted nearly an hour, and carried us ten miles below the city. It ended in the capture or destruction of four of the five remaining vessels of the enemy; one only, supposed to be the Van Dorn, having escaped. Two of the rams—the Monarch and Lancaster No. 3—pursued her, but without success. They brought back, however, another prize.

The names and fate of the vessels composing the rebel fleet are as follows:

The General Lovell, sunk in the beginning of the action by the Queen of the West. She went down in deep water, in the middle of the river, altogether out

of sight. Some of her crew escaped by swimming; how many went down in her I have not been able to ascertain.

The General Beauregard, blown up by her boilers, and otherwise injured by shot, went down near shore.

The Little Rebel, injured in a similar manner, made for the Arkansas shore, where she was abandoned by her crew.

The Jeff. Thompson, set on fire by our shells, was run on the river bank and abandoned by her crew. She burned to the water's edge, and blew up by her magazine.

The General Price was also run on the Arkansas shore. She had come in contact with one of the rams of her own party, and was otherwise injured by cannon balls. She also was abandoned by her crew.

The Sumter is somewhat cut up, but is still afloat.

The fine steamer General Bragg is also above water, though a good deal shattered in her works and hull.

The Van Dorn escaped.

Of the above-named vessels, the Sumter, General Bragg, and Little Rebel will admit of being repaired. I have not received the reports of the engineers and carpenters, and cannot yet determine whether it will be necessary to send them to Cairo, or whether they can be repaired here.

The pump of the Champion No. 3 will be applied to raise the General Price. No other vessels of the rebel flotilla will, I fear, be saved.

I have not received such information as will enable me to make an approximate statement of the number of killed, wounded, and prisoners on the part of the enemy.

One of the vessels, going down in deep water, carried a part of her crew with her; another, the General Beauregard, having been blown up with steam, many of her crew were frightfully scalded. I doubt whether it will ever be in my power to furnish an accurate statement of these results of the engagement.

The attack made by the two rams under Colonel Ellet, which took place before the flotilla closed in with the enemy, was bold and successful.

Captain Maynadier, commanding the mortar fleet, accompanied the squadron in a tug, took possession of the Beauregard, and made her crew prisoners. He captured, also, other prisoners during the action, and received many persons of the rebel fleet who returned and delivered themselves up after their vessels had been deserted. It is with pleasure that I call the attention of the department to his personal zeal and activity, the more conspicuous because displayed while the mortar boats under his command could take no part in the action.

The officers and men of the flotilla performed their duty. Three men only of the flotilla were wounded, and those slightly. But one ship was struck by shot.

I transmit herewith copies of my correspondence with the mayor of Memphis, leading to the surrender of the city.

At 11 o'clock a. m. Colonel Fitch, commanding the Indiana brigade, arrived and took military possession of the place.

There are several prizes here, among them four large river steamers, which will be brought at once into the service of the government.

I have the honor to be, very respectfully, your most obedient servant,

C. H. DAVIS, *Flag-Officer.*

Comd'g Western Flotilla, Mississippi river, pro tem

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-STEAMER BENTON,
Off Memphis, June 6, 1862.

SIR: I have respectfully to request that you will surrender the city of Memphis to the authority of the United States, which I have the honor to represent.

I am, Mr. Mayor, with high respect, your most obedient servant,

C. H. DAVIS,
Flag-Officer, Commanding, &c., &c.

His Honor the MAYOR *of the city of Memphis, Tenn.*

MAYOR'S OFFICE, *Memphis, June 6, 1862.*

SIR: Your note of this day is received and contents noted.

In reply I have only to say that the civil authorities have no resources of defence, and, by the force of circumstances, the city is in your power.

Respectfully,

JOHN PARK, *Mayor.*

C. H. DAVIS, *Flag-Officer, Comd'g, &c.*

UNITED STATES FLAG-STEAMER BENTON,
Off Memphis, June 6, 1862.

SIR: The undersigned, commanding the military and naval forces of the United States in front of Memphis, have the honor to say to the mayor of the city that Colonel Fitch, commanding the Indiana brigade, will take military possession of Memphis immediately.

Colonel Fitch will be happy to receive the co-operation of his honor the mayor and the city authorities in maintaining peace and order; and to this end he will be pleased to confer with his honor at the military headquarters, at 3 o'clock this afternoon.

The undersigned have the honor to be, with high respect, your most obedient servants,

C. H. DAVIS,
Flag-Officer, Commanding afloat.

G. N. FITCH,
Colonel, Commanding Indiana Brigade.

His Honor the MAYOR *of the city of Memphis, Tenn.*

MAYOR'S OFFICE, *Memphis, June 6, 1862.*

GENTLEMEN: Your communication is received, and I shall be happy to co-operate with the colonel commanding in providing measures for maintaining peace and order in the city.

Your most obedient servant,

JOHN PARK, *Mayor.*

Flag-Officer C. H. DAVIS and Colonel G. N. FITCH.

[Telegram.]

UNITED STATES FLAG-STEAMER BENTON,
Memphis, via Cairo, June 21, 1862.

The gunboat Conestoga, returning from White river, reports the capture of two batteries mounting seven guns, at St. Charles, 80 miles from the mouth. The attack was commenced by Captain Kilty, in the gunboats, who silenced the first battery. The second battery was gallantly carried by Col. G. N. Fitch at the head of the 46th Indiana Volunteers. A shot caused the explosion of the steam-drum of the Mound City by which the greater part of her officers and crew were killed and wounded. I write by to-day's mail.

CHAS. H. DAVIS, *Flag-Officer.*

Hon. GIDEON WELLES,
Secretary of the Navy.

*Flag-Officer Davis encloses report of action at St. Charles, Arkansas,
 June 17, 1862.*

UNITED STATES FLAG-STEAMER BENTON,
Memphis, June 23, 1862.

SIR: I have the honor to acknowledge the receipt of your letter of the 17th instant, appointing me flag-officer in command of the United States naval forces employed in the Mississippi river and its tributaries.

I transmit by this envelope a detailed report of the action at St. Charles, from Lieutenant Commanding W. McGunnegle, the senior officer on duty after Commander Kilty was wounded.

* * * * *

I have the honor to be, very respectfully, your obedient servant,

C. H. DAVIS,

Flag-Officer Commanding Mississippi Flotilla, Mississippi river.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES FLAG-STEAMER BENTON,
Memphis, June 19, 1862.

SIR: The Conestoga, Lieutenant Commanding G. W. Blodgett, arrived here to-day from White river. She brings information of the capture of two batteries at St. Charles, eighty miles from the mouth, the first of which mounted four Parrott guns, and the second three 42-pound rifled guns. These guns, it is understood, were taken from the gunboat Mariposa, which, after being dismantled, was sunk.

There is now but one gunboat remaining in White river, the Pontchartrain, mounting three or five guns, and having her machinery protected by iron and cotton.

The enemy has attempted to block up the river by driving piles and by sinking boats, but no serious obstructions have yet been encountered.

The Conestoga will return to White river to-night with re-enforcements, accompanied by an additional transport laden with commissary stores.

The victory at St. Charles, which has probably given us the command of White river, and secured our communication with General Curtis, would be unalloyed with regret but for the fatal accident to the steam-drum and heater of the Mound City, mentioned in my telegraphic despatch. Of the crew, consisting of 175 officers and men, 82 have already died, 43 were killed in the water or drowned, 25 are severely wounded, and are now on board the hospital boat, among the latter is Captain Kilty. They promise to do well. Three officers and twenty-two men escaped uninjured.

After the explosion took place the wounded men were shot by the enemy while in the water, and the boats of the Conestoga, Lexington and St. Louis, which went to the assistance of the scalded and drowning men of the Mound City were fired into both with great guns and muskets, and were disabled, and one of them forced on shore to prevent sinking. The forts were commanded by Lieutenant Joseph Fry, late of the United States navy, who is now a prisoner and wounded.

The department and the country will contrast these barbarities of a savage enemy with the humane efforts made by our own people to rescue the wounded and disabled, under similar circumstances, in the engagement of the 6th instant.

Several of the poor fellows who expired shortly after the engagement expressed their willingness to die when they were told that the victory was ours.

I have the honor to be, very respectfully, your most obedient servant,

C. H. DAVIS,

Flag-Officer, Commanding Western Flotilla, Mississippi river.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

UNITED STATES GUNBOAT ST. LOUIS,
St. Charles, White River, Ark., June 18, 1862.

SIR: I have the honor to submit the following report:

On the morning of the 16th instant, the Conestoga and transports having reached us, we got under way from a point called "Arkansas Cut-off" and stood up the river to within about five miles of this place, when we anchored for the night. Captain Kilty sent off a reconnoitering party in the tug. At 6 o'clock the next morning we got under way and proceeded up the river in the following order, viz: Mound City, St. Louis, Lexington, Conestoga, and transports. When within two miles of the fortifications we discovered the enemy's pickets; the Mound City and other gunboats immediately opened fire; at the same time Colonel Fitch landed his regiment, and, as we drove them in, they followed them up. We continued to stand on, firing on either side and ahead as we went. Soon we came to a bend in the river, which I conceive to be about a mile in length; almost at the upper end were sunken three boats across the river, (they afterwards proved to be the rebel gunboat Maurepas, and river boats Eliza G. and Mary Patterson,) and abreast of these obstructions on the port hand was a bluff on which we imagined the batteries would be situated, although we could not see a gun on account of the trees. Captain Kilty stood boldly on, closely followed by the other gunboats, firing as we went; soon the enemy responded. The moment we discovered the situation of the enemy's battery the cannonading from our side became terrific. In a few moments the Mound City had advanced to within about six hundred yards of their enemy, when a well-directed shot from a new battery situated a little higher up the bluff penetrated her port casemate a little above and forward of the gunport, killing three men in its flight, and exploding her steam-drum. So soon as this sad accident occurred many of her crew leaped overboard; all boats were instantly sent to their

relief. The position of the gunboats at this time was as follows: the Mound City, followed by the St. Louis and Lexington, the Conestoga being abreast of the latter vessel. The Mound City drifted down and across the stream. The Conestoga boldly came up and towed her out of action. The St. Louis and Lexington moved closer to the upper battery (the lower one being by this time relieved) and continued to pour in shot and shell, the enemy shooting the while at the St. Louis and the wounded of the Mound City struggling in the water. Some two minutes after the explosion on board the Mound City Colonel Fitch made signal for us to cease firing, which I did, and in five minutes after we ceased firing he gallantly charged their battery and carried it without the loss of a single man. Eight of the enemy were left dead, twenty-nine were taken prisoners including Captain Jos. Fry, commander of the post, late lieutenant United States navy, and all their guns and ammunition. Our victory was a complete one, but the loss of life on board the Mound City by the explosion of the steam-drum is frightful. Their batteries consisted of two 12-pounder brass pieces, two 9-pounder Parrott rifled, and two 42-pounder rifled seacoast howitzers. So soon as I was sure we had gained the victory, I repaired to the Mound City, and to endeavor to describe the howling of the wounded and the moaning of the dying is far beyond the power of my feeble pen. Among the scalded and suffering was the brave commander Kilty, who but a short time before I had seen proudly pacing his deck with the enemy's balls whizzing past him. He fought his ship most gallantly. All honor to his name. My first care, after assuming command of the gunboats was to make the best possible provision for the wounded in this, as in the previous engagement with the enemy. Lieutenants Commanding Shirk and Blodgett rendered every assistance in the power of man. For their skill and bravery in action, and the energy displayed by them to assist the wounded they are deserving of the highest honors; and in this connexion I will also mention that Dr. George W. Garver, of the Lexington, and Dr. Wm. H. Wilson, of the Conestoga, were untiring in their attention to the wounded. The above four officers I think richly deserve to be especially mentioned. After consulting with the commanding officer, it was decided to send the wounded to Memphis on board the Conestoga and Musselman, (Colonel Fitch kindly loaning the latter named boat,) with all the surgeons, but what to do with the Mound City was a more perplexing question. I was told by the pilots that it would take several days to tow her out of the river, it being so narrow and crooked. The surgeons represented that the delay would prove fatal to many whose lives might be saved. From what I had seen and heard on this river I must push on with all haste lest the enemy would fortify. After mature deliberation I concluded to get as many men from Colonel Fitch as he could spare, and, with First Master John H. Duble in charge, together with two other officers, and the men unhurt of her own crew, would leave her here and proceed up the river as far as I could prudently, with the river falling as rapidly as it is.

The only two officers that were not wounded or killed on board the Mound City were the first master, Mr. Dominy, and the gunner, Mr. McElroy. I deemed it best to send Mr. Dominy up to Memphis, not that he did not perform his duty well; for I am sure he did, as I saw him in the thickest of the fight moving about on the upper deck, but simply for a change, he having witnessed the horrible catastrophe, his mind appeared to be greatly exercised. Mr. McElroy is now on board the Mound City. We buried, last night, fifty-nine of her crew, there are now twenty-six on board unscathed; many, very many, must have been killed by the enemy while they were struggling in the water. I was quite close to the spot and distinctly saw and remarked on the cowardly act, at the moment they were perpetrating it. An accident also happened to the transport New National, one of the bow guns of the Mound City being loaded, cocked, and primed, the lock string lying on the deck, one of the wounded men rolled on it, which set it off. It was loaded with grape. One of the shot passed through

the steam pipe of the New National, fortunately injuring no one, but she will have to run on one wheel. I found your instructions to Captain Kilty to guide him in this expedition, and be assured I will exert myself in every endeavor to carry them out. In conclusion, let me inform you that the officers I command displayed gallant conduct during the action, and I am happy to say there were no casualties on board this gunboat.

I am, very respectfully, your obedient servant,

W. McGUNNEGLE,
Lieutenant Commanding.

Flag-Officer C. H. DAVIS,
Commanding Western Flotilla, Mississippi river, Memphis, Tenn.

UNITED STATES FLAG-STEAMER BENTON,
Memphis, June 20, 1862.

SIR: The number of wounded men on board the hospital-boat Red River is forty-one. The account given me yesterday was incorrect. I shall still wait for further knowledge before presenting a final report of the casualties attending the capture of the St. Charles forts. The department will be gratified to learn that the patients are, most of them, doing well. The surgeon assures me that Commander Kilty is out of danger; but he is severely crippled in his hands and feet, and suffers a great deal. He is a brave gentleman and a loyal officer. He has always been conspicuous in this squadron for acting his part in the best spirit of the profession. In the attack on the batteries at St. Charles he occupied the leading place, and received his wounds at the head of his line in the zealous performance of his whole duty. Although himself wounded and helpless, he attended to the wants and comforts of his injured officers and men.

I have gratefully to acknowledge our obligations to Major General Wallace and to Dr. Jessup, of the 24th Indiana, and to Dr. McClellan, of the 1st Nebraska regiments, for their valuable sympathy and assistance.

Sister Angela, the superior of the sisters of the Holy Cross, (some of whom are performing their offices of mercy at the Mound City hospital,) has kindly offered the services of the sisters for the hospital-boat of this squadron, when needed. I have written to Commander Pennock to make arrangements for their coming.

I have the honor to be, very respectfully, your obedient servant,

C. H. DAVIS, *Flag-Officer,*
Commanding Western Flotilla, Mississippi River, pro tem.
Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

Flag-Officer Davis reports the arrival of the ram Arkansas under the guns of Vicksburg.

UNITED STATES FLAG-STEAMER BENTON,
Off Vicksburg, July 16, 1862.

SIR: In my despatch of July 14th I had the honor to inform the department that I was about sending an expedition up the Yazoo river.

The plan of this expedition, as finally agreed upon between Flag-Officer Faragut, Brigadier General Williams, and myself, was to despatch the gunboats Carondelet and Tyler, and the ram Queen of the West, strengthened by sharp-

shooters from the army, at four o'clock yesterday morning, to procure correct information concerning the obstructions and defences of the river.

Repeated examinations of the Yazoo had informed us that there was a raft obstructing the passage eighty miles from the mouth, with a battery near it below, and the new ram Arkansas above, a vessel represented to be well protected by iron, and very formidable in her battery.

Shortly after the expedition entered the river yesterday morning it encountered the Arkansas coming down.

After a severe fight with the Tyler and Carondelet, in which both vessels were partially disabled, she entered the Mississippi, and passing through the combined squadrons took refuge under the batteries of Vicksburg.

Her appearance was so sudden and the steam of almost every vessel in the squadron so low, or, in other words, so entirely unprepared were we, that she had an opportunity to pass without positive obstruction, though she was severely injured by shot.

The Benton, Lieutenant Commanding S. L. Phelps, got under way and followed her down to the point, but at her usual snail's pace, which renders anything like pursuit ludicrous.

I engaged the upper batteries for half an hour; and in the course of the morning renewed the engagement, with Flag-Officer Farragut on board, for reconnoitering purposes.

At half past six o'clock in the evening an engagement again took place, which lasted for an hour, between this ship, the Louisville, Commander Dove, and the Cincinnati, Lieutenant Commanding B. Wilson, and the upper batteries, the object of which was to cover the passage of Flag-Officer Farragut's fleet. He had determined, during the day, to run below, for the double purpose of supporting the remainder of his squadron and of destroying the rebel ram in passing; to assist in which I had added the ram Sumter, Lieutenant Commanding Erben, to his force.

A note from him this morning informs me that the ram was so entirely concealed by her situation that the attack upon her did not prove to be as destructive as expected. The loss of life in his squadron in its passage before these formidable batteries is wonderfully small, and must be attributed to the rapid and well-directed fire from his ships, by which the guns of the enemy were silenced as soon as reached.

I shall give further particulars of this day's work by the next mail, and transmit the reports of Commander Walke, Lieutenant Commanding Phelps, and Lieutenant Commanding Gwin.

The loss of life in the squadron under my command has been thirteen killed, thirty-four wounded, and ten missing.

Among the killed and wounded are several of the sharpshooters supplied by General Williams, who performed their duty in the most faithful manner.

I have the honor to be, very respectfully, your most obedient servant,

C. H. DAVIS, *Flag-Officer,*

Commanding United States Naval Forces, Western Waters.

HON. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Attack on the upper batteries at Vicksburg and the ram Arkansas, July 22, 1862.

UNITED STATES FLAG-STEAMER BENTON,

Off Vicksburg, July 23, 1862.

SIR: In my communication of July 16 I mentioned the passage of Flag-Officer Farragut's fleet by the batteries at Vicksburg, with the double purpose

of joining his fleet below and of destroying the rebel ram *Arkansas* in passing. The latter object was defeated by the darkness of the night. Yesterday morning, shortly after daylight, the *Benton*, *Cincinnati*, and *Louisville*, attacked the upper batteries, for the purpose of covering the *Essex* and the ram *Queen of the West*, both of which vessels went down and attacked the *Arkansas* in her place at the levee.

I transmit a copy of Commander W. D. Porter's report of the results of his engagement. The ram *Queen of the West*, commanded by Lieutenant Colonel Ellet, struck the *Arkansas* with sufficient force to do her some injury. Colonel Ellet behaved on this, as on previous occasions, with great gallantry. The shot from the *Essex* did serious injury to the casemates of the rebel ram and gunboat.

I have the honor to acknowledge the receipt of the communications of the department of the 14th and 15th instant. Our mail boats from Cairo have been fired into lately, and a small extra boat, put on for a special occasion, is reported to have been burned.

My force at this moment is very much reduced. It is reduced in the most formidable manner by sickness and death. Of the one hundred and thirty men of the mortar fleet, one hundred are sick and off duty. The crews of the gunboats are, many of them, reduced to one-half their number. I am in want of at least five hundred men to fill up vacancies and render the vessels under my command efficient.

My force is also reduced by the absence of eight gunboats, three of which are guarding important points of the river, and five of which are undergoing repairs. I have said that I am in want of five hundred men to insure the efficiency of the flotilla. In this calculation I make allowance for the return to duty of many of the sick, but six hundred men would not be too many to send to me. The most sickly part of the season is approaching, and the department would be surprised to see how the most healthy men wilt and break down under the ceaseless and exhausting heat of this pernicious climate. Men who are apparently in health at the close of the day's work sink away and die suddenly at night, under the combined effects of heat and malarial poison. The enemy, however, suffers a great deal more than we do. He counts seventeen or twenty thousand men on his rolls, but can hardly muster five thousand in his ranks. To sickness are added, in his case, the want of hospital accommodations, the want of medicines, and the want of suitable food. I learned that General Williams is about to move down the river. Should it prove so, it will be very unfortunate in its results. This is one of the points at which the co-operation of the army is most essential.

I have the honor to be, very respectfully, your most obedient servant,

C. H. DAVIS, *Flag-Officer,*

Commanding U. S. Naval Forces, Western Waters.

Hon. GIDEON WELLES,

*Secretary of the Navy, Washington, D. C.**

ON BOARD GUNBOAT *ESSEX*,

Below Vicksburg, July 22, 1862.

SIR: I have the honor to inform you of the arrival of this ship below Vicksburg, Mississippi, and that we lost one man killed and two wounded.

I delivered several shot into the rebel ram *Arkansas*, as I believe, with effect. I endeavored to strike her, but as we approached they let go her bow line and the current drifted her stern on. The consequence was this vessel only grazed

her side, and ran, with great force, high on the bank, where she lay at least ten minutes, subject to a terrible fire from the shore battery.

The officers all did their duty and with great coolness. Permit me to draw your attention to Master Willie Coates, of only 14 years of age. This young gentleman volunteered to act as my aid. His conduct was, throughout the action, marked by great coolness and bravery. He has no connexion whatever with the service, but I hope you will bring to the notice of the Navy Department the conduct of this little gentleman, as I think he has earned, by his loyalty, coolness, and bravery an appointment at the Naval Academy.

I am, very respectfully, your obedient servant,

W. D. PORTER, *Commander.*

Flag-Officer C. H. DAVIS,

Commanding Flotilla, Western Waters.

Flag-Officer Davis reports having left Vicksburg for the mouth of the Yazoo river

FLAG-STEAMER BENTON,

Helena, August 1, 1862.

SIR: In my last communication, dated July 25th, and written from the anchorage above Vicksburg, I had the honor to inform the department that Flag-Officer Farragut and Brigadier General Williams had gone down the river; the forces of the latter being prostrated by sickness. The departure of General Williams rendered it necessary that I should abandon the position I then held, because it gave the enemy the possession of the point, from the canal down.

In making this canal General Williams used it as a means of defence, by constructing a continued breastwork and rifle-pit on the lower border, and an angle on the upper border to enfilade the canal where it was crossed by the levee. This levee, distinguished as the *new* levee, formed in itself a convenient breastwork. It was no longer safe for the hospital, commissary, ordnance boats, coal and ice barges, mail boats, &c., to lie at the bank; I therefore moved up, with my whole command, to the mouth of the Yazoo.

When I sent the Sumpter and Essex below the batteries I was prepared for Flag-Officer Farragut's leaving; but I had no idea that General Williams intended to abandon his position. I expected to maintain uninterrupted communication with these vessels across the neck, and employ them in blockading the town from below. But now, the army having gone, these vessels must go to Baton Rouge or New Orleans for their supplies, and are permanently separated from my command.

In my despatch of the 23d ultimo I informed the department that several of our mail boats from Cairo had been fired into, and one sunk. It now appears that the communications in my rear are so seriously threatened that they could only be kept open by gunboats; and the three light and fleet gunboats are all undergoing repairs at Cairo. Information of a reliable and circumstantial character came to me that wagons, &c., had been called in, to transport guns from the Yazoo to the vicinity of Islands No. 92 and 94. I learn from the captains of the mail boats that flying artillery had been taken from bank to bank, on the great bends of the river, and used twice on the same vessel. Light guns and muskets, in the hands of guerilla bands, had been fired into our unarmed vessels from several points between Carolina Landing and Gaines's Landing. The same thing is said to have occurred near Napoleon. Thus my supplies, as well as mails, were cut off, unless sent under convoy.

We have been repeatedly told that General Price was crossing from Mississippi into Arkansas to make a junction with General Hindman.

I have already spoken, in a previous despatch, of the alarming extent to which the efficiency of the few vessels remaining with me has been reduced by the endemic fever, and also transmitted a report of the surgeon on this subject.

Having maturely considered all the circumstances just recited, I determined to leave Vicksburg, where my own force, unaided and very much encumbered, could be of no further service; to close up my lines, now too extended; to open again the sources of communication and supply, and to resume my conjunction with the army. Accordingly, I have moved with all the fleet to this place, where I anchored last night, at 9 o'clock.

But I wish the department to particularly understand that this movement does not involve any loss of control over the river below. Between this place and Vicksburg there are no bluffs—no high lands suited to fortifications. Guns can only be mounted on the level bank, where, to be sure, the levee often serves as a breastwork; but they will have no advantage of ground, and can be easily dislodged.

Your telegraphic despatch of the 25th ultimo was received on the 29th, at 4 a. m., when this ship was opposite Greenville. Flag-Officer Farragut left Vicksburg on the 24th.

I have the honor to be, very respectfully, your obedient servant,

C. H. DAVIS,

Flag-Officer, Comd'g U. S. Naval Forces, Western Waters.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Fleet Captain Pennock's report of expedition up the Ohio river to Evansville, Henderson, &c., in July, 1862.

UNITED STATES NAVAL DEPOT,

Cairo, August 6, 1862.

SIR: I have the honor to transmit to the department Fleet Captain Pennock's report of a joint naval and military expedition up the Ohio river to Evansville, Henderson, &c., undertaken in pursuance of a telegram from Governor Morton, and having for its object the pursuit and punishment of certain parties of guerillas which had threatened Henderson.

I invite the special attention of the department to the promptness with which Captain Pennock, who took a leading part in this service, organized his forces and proceeded to the scene of action.

The enclosed letter of General Love bears the most honorable testimony to Captain Pennock's conduct.

Very respectfully, your most obedient servant,

C. H. DAVIS, *Flag-Officer.*

Hon. GIDEON WELLES, *Secretary of the Navy.*

UNITED STATES NAVAL DEPOT,

Cairo, Ill., July 24, 1862.

SIR: I reported to you on Saturday, the 19th instant, that in consequence of a telegram received from Governor Morton, (a copy of which I forwarded you,) I would leave Cairo for Evansville with the United States receiving ship Clara Dolsen, armed with four 12-pounder rifled howitzers, J. M. Pritchett, lieutenant

commanding, and tug *Restless*, armed with one 12-pounder howitzer, Master Ford commanding.

I was accompanied by Colonel Moro, with a battalion of 63d regiment Illinois volunteers, and Brigade Surgeon E. C. Franklin, who kindly volunteered his services for the occasion.

I arrived at Evansville on Monday at 6 a. m., and had an interview with Major General Love, who informed me of his plans to capture the guerillas who had control of Henderson, Kentucky, and his intention to occupy that place. My co-operation and that of the troops associated with me were desired in carrying out the plans of the enterprise.

The same afternoon Major Staning, chief of artillery of the district of Mississippi, arrived with the following force: Captain Robinson, company A, 20th battalion 16th regulars, 60 men; Captain Noyce, company H, 13th Wisconsin volunteers, 48 men; and Lieutenant Becker, with one section Stenbeck's battery, 2d Illinois artillery, 25 men, who reported to me for co-operation, by order of Brigadier General Strong, commanding district of Cairo. At the request of General Love, Major Staning with his force, on board steamer *Rob Roy*, went in advance, for the purpose of occupying and picketing the city, the *Clara Dolsen* following with Major General Love and staff, with an addition of 500 men, consisting of infantry and a section of artillery. After landing the stores and troops, Colonel Moro was ordered by Major General Love to occupy and hold the city, while the Indiana troops and the section of Stenbeck's battery took up their line of march for the interior.

During the day several arrests were made, including two of the guerrillas, who were prominent in robbing the hospitals at that place and destroying government property, who were placed in irons on board the *Clara Dolsen*, and subsequently delivered up to the provost marshal.

General Love having received a despatch the following night that guerrillas, in force, were occupying Uniontown, with intent to cross the river to attack Mount Vernon, on the Indiana shore, Major Staning was despatched with a force to look after this matter, in the *Rob Roy*, accompanied by the armed tug *Restless*. Soon after I joined him at Uniontown, all being quiet at Mount Vernon.

During the afternoon several arrests were made of prominent secessionists and a number of boats destroyed, by order of Major General Love. Toward evening Surgeon Franklin and Lieutenant Commanding Pritchett, while reconnoitering the outskirts of the town, came upon a squad of guerrillas and captured three, who were brought in and sent on board the *Rob Roy* under guard, to be sent to headquarters at Henderson.

Proceeding down the river, we arrived early in the evening at Shawneetown, where I received despatches from Captain Wise, announcing the presence of guerrillas on the Kentucky shore opposite Cairo; and having no force there, naval or military, he advised that a portion of the force under my command should return with all possible despatch. Early this morning the *Clara Dolsen* and tug started for Cairo, and arrived here at 4 p. m., with two companies of Major Staning's command; he returning with the remainder of his force to Henderson in the *Rob Roy*, aboard of which I had placed a 12-pounder howitzer.

In conclusion, I regret to state that I found but little Union feeling on the Kentucky shore, and am of opinion that the interests of government and safety of steamers navigating the Ohio require that light-draught gunboats should be kept moving constantly up and down the river. Enclosed please find copy of letter received from Major General Love.

Acting Lieutenant Hoel, in conjunction with Mr. Sheeley, of the General

Price, and Mr. Perkins, my assistant, consented to act as pilots for the expedition. The latter also assisted me in other duties.

Very respectfully, your obedient servant,

A. M. PENNOCK,
Commander and Fleet Captain.

HENDERSON, KENTUCKY, *July 23, 1862.*

CAPTAIN: I cannot permit you to leave me without expressing my sense of the gratitude with which the citizens of Indiana, and of this locality, will reward the prompt co-operation of yourself and your officers in this emergency, which threatened their security, and for the polite personal attention of yourself and Captain Pritchett to myself and staff.

I beg you to accept my sincere thanks and my best wishes for your safe return to Cairo.

I am, captain, with great respect, your obedient servant,

JOHN LOVE,
Major General Indiana Legion.

A. M. PENNOCK,
Fleet Captain Gunboat Flotilla, on board Clara Dolsen.

Capture of rebel transport Fairplay, and large quantities of arms, ammunition, &c., in August, 1862.

CAIRO, ILLINOIS, *August 26, 1862.*

The combined naval and military operation, planned between General Curtis and myself before leaving Helena, has returned to the latter place, having accomplished its work with great success.

The rebel transport Fairplay has been captured, containing twelve hundred new Enfield rifles, four thousand new muskets, with accoutrements complete, a large quantity of fixed ammunition, four field guns, mounted howitzers, and small arms. Colonel Woods landed and captured the encampment of the 31st Louisiana regiment with arms, the enemy flying before him.

He captured another camp, with tents, baggage, and provisions, burning the depot and eight cars, and destroying the telegraph. The combined expedition proceeded up the Yazoo, where it captured a battery, consisting of sixty-four forty-two-pounder and thirty-two-pounder guns, and twenty-four and twelve-pounder field pieces, with seven thousand pounds of powder, one thousand shell, shot, and grape. Colonel Woods dispersed the rebel forces in several places. Will send further particulars by mail to-morrow.

C. H. DAVIS, *Commodore.*

Hon. GIDEON WELLES,
Secretary of the Navy.

Lieutenant Commanding S. L. Phelps reports a successful attack on the enemy at Bolivar, Mississippi, in August, 1862.

UNITED STATES FLAG-STEAMER BENTON,
Helena, August 27, 1862.

SIR: In my last report, sent by the Switzerland on the 23d instant, I informed you that we had found the enemy in some force at Greenville, Mississippi, and had dispersed him. I have now to report that as soon as Colonel Woods's force

had returned from the pursuit, it was re-embarked, and we proceeded up the river, stopping to examine every point where a rebel force was likely to be posted; but we were unsuccessful in again finding an enemy till we reached Bolivar, Mississippi. Colonel Woods then landed his infantry and cavalry, and two mountain howitzers, and soon discovered the rebels to the number of about 3,000 posted on a plantation above the town. I moved up with the Benton to support our small force—not more than 500 men—in its gallant attack, and effectively used the battery in clearing the fields.

The enemy, after a brisk skirmish, fled, leaving seven prisoners and ten cavalry horses in our possession. Colonel Woods lost one man killed and two wounded. The loss of the enemy in killed is not known, but numbers of horses were running over the fields without riders, and the negroes reported his loss quite heavy.

From Bolivar to Helena, where we arrived this morning, we did not succeed in again encountering an enemy. The troops returned in good spirit and health, while the condition of the sick on board the gunboats was not injuriously affected by the eleven days' cruise below.

I am, respectfully, your obedient servant,

S. L. PHELPS,
Lieutenant Commander.

Flag-Officer CHARLES H. DAVIS,
Commanding Naval Forces, Western Rivers.

POTOMAC FLOTILLA.

Lieutenant Commanding R. H. Wyman's report of the shelling of Freestone Point, &c.

UNITED STATES STEAMER HARRIET LANE,
Off Matawoman Creek, December 9, 1861.

SIR: I have the honor to report to you that this morning about 9½ o'clock, seeing the enemy's pickets, three camp wagons, and a mounted officer coming down the road to the southward of Freestone Point and halting at some buildings near the beach, I directed the steamers Jacob Bell and Anacostia to shell and burn the buildings. I stood in with this vessel as far as her draught of water would admit to protect them in event of the enemy bringing a field battery to Freestone Point. After shelling the buildings and hill, and driving back the pickets, Lieutenant Commander McCrae landed with a few men and fired four houses, which have since burned to the ground; they contained sutlers' stores, flour, &c. As eighteen hours elapsed before the fire subsided, I judge that the quantity of stores must have been consumed. The enemy fired but a few musket shots.

I am, sir, very respectfully, your obedient servant,

R. H. WYMAN, U. S. N.,
Lieutenant Commanding Potomac Flotilla.

Hon. GIDEON WELLES,
Secretary of the Navy.

Attack on Cockpit battery by the Anacostia and Yankee.

POTOMAC FLOTILLA, *January 3, 1862.*

SIR: Judging that the battery on Cockpit Point could be enfiladed, and wishing to obtain a more complete knowledge of the extent of the enemy's works in that vicinity, I directed the Anacostia, Lieutenant Commanding Badger, with the

Yankee, Lieutenant Commanding Eastman, to stand inside Cockpit Point to the northward and throw their shells into the battery. In this they were entirely successful, their shells falling directly in the battery, those of the Anacostia being planted with the most admirable precision. The guns on the extreme point of the battery were at once abandoned; the only guns which the enemy could at any time bring to bear were an 80-pounder rifled gun and a rifled 12-pounder. Four shots were fired from these as the vessels passed inside of the battery, one of which, from the 80-pounder rifle, passed through the port bow of the Yankee, and lodged in a berth on the starboard side, in the forecastle, doing no damage, except very slightly wounding one of the crew—Alexander Mitchell, ordinary seaman—by a piece of lead from the shell being thrown inboard, over the rail. On the enemy's firing its fourth shot, a 9-inch shell from the Anacostia and a 6-inch shell from the Yankee were exploded under their gun, almost simultaneous with its flash. Their gun was dismantled, and they abandoned the battery. After firing a few more shell, the vessels retired.

On Cockpit Point the enemy have now four or five guns in battery. Their heavy gun has been remounted and moved to the northern face of the battery, to prevent another attempt at flanking them. A breastwork for another battery has been thrown up, which will entirely protect them to the northward.

I am, sir, very respectfully, your obedient servant,

R. H. WYMAN,

Lieutenant Commanding Potomac Flotilla.

Hon. GIDEON WELLES,

Secretary of the Navy.

Report of Lieutenant Commanding R. H. Wyman of the abandonment by the rebels of Cockpit and Shipping Point batteries.

POTOMAC FLOTILLA, *March 9, 1862, 4 p. m.*

SIR: The information which I forwarded to you by telegraph is, I consider, confirmed. The Cockpit and Shipping Point batteries have been abandoned. They have been shelled for an hour without reply. The enemy have set fire to everything at Shipping Point, and frequent explosions give evidence of the destruction of their ammunition. The fires and explosions extend some distance back, between Cockpit and Shipping Points. The Page I believe to have been set fire to and blown up.

I am, sir, very respectfully, your obedient servant,

R. H. WYMAN,

Lieutenant Commanding Potomac Flotilla.

Hon. GIDEON WELLES,

Secretary of the Navy.

Lieutenant R. H. Wyman's report of the shelling and the evacuation of rebel batteries on the Potomac.

POTOMAC FLOTILLA, *March 11, 1862.*

SIR: Having received information on the 9th instant that the enemy were abandoning the line of the Potomac, after making a reconnoissance, I directed the schooner Anacostia, Lieutenant Commanding Badger, to shell the Cockpit battery, and found it deserted. Small parties were then landed from the Yankee

and Anacostia. Our flag was raised over the works and the guns (which were not spiked) spiked. On the 10th, with the assistance of a regiment from General Hooker's division, the guns at Cockpit were thrown over the embankment, the gun back of Evansport disabled, and some of the ammunition removed. Immediately on the enemy's discovering that we were aware of their evacuation, they fired everything at the Evansport batteries. Many of their magazines were blown up; the landing parties saved some by removing the slow-matches and trains of powder. The gun carriages were fired and rendered useless. The guns, some loaded for bursting, exploded as they became heated, dismounting many; but those which have burst appear to me to have burst some time since. Very large quantities of shot and shell have been found in the magazines. The enemy appear to have been entirely deficient in means of transportation; many tents, camp fixtures, and clothes were left.

Their batteries are of a much more formidable nature than I had supposed, and great labor has been expended in their construction. The country round is lined with rifle pits, and breast works thrown up (but no guns mounted) on a hill, back, commanding the rear of the Shipping Point batteries. The guns are of the best description, mostly United States guns; one an English rifle gun. From the direction on the boxes of ammunition, I find that the Evansport batteries were commanded by Fredr. Chartard, formerly a commander in the United States navy. The steamer Page was blown up and entirely destroyed.

I am, sir, very respectfully, your obedient servant,

R. H. WYMAN,

Lieutenant Commanding Potomac Flotilla.

Hon. GIDEON WELLES,

Secretary of the Navy.

Lieutenant Commanding E. P. McCrea's report of his proceedings in the Rappahannock.

UNITED STATES STEAMER JACOB BELL,

Rappahannock River, April 15, 1862.

SIR: Immediately upon the receipt of your telegram, "by order of the President," I proceeded at once to carry out the instructions therein contained.

The expedition was composed of the Jacob Bell, Satellite, Island Bell, Resolute, Reliance, and Piedmontese. The Wyandank, the vessel I depended on so much, being "double ended" and 9-inch guns, broke her crank on her trip from the navy yard, so I was compelled to leave without her. We entered the Rappahannock at 8.30 p. m., and anchored for the night at Carter's creek, about 11.20 p. m.

I was anxious to obtain a pilot from the river, so I sent on shore a party of men, and surrounded several houses, hoping to secure one, but failed. Fortunately, Acting Master Street, of this vessel, knew the river somewhat, so with his assistance and the charts, I concluded to go up as far as Tappahannock at least, if not to Fredericksburg.

From two brothers, named Lewis, found on St. George's island, I learned the following: They left Fredericksburg two weeks ago. At that time there was 30,000 troops back about two or three miles from Fredericksburg, but they were constantly moving southward; did not know how many now.

Fort Lowry was the only fort on the river; had 5 guns mounted. The St. Nicholas, Virginia, and Eureka were in the river; no guns on them. (I have since learned the St. Nicholas had 2.) They were drawing timber to build gunboats; they intended to sink a stone boat in the channel about Fort Lowry.

About four weeks ago forty Virginia volunteers were just below Fredericksburg doing scout picket duty. As many as three hundred refugees are in the woods trying to get across the Potomac, from thence to Maryland, to escape drafting. (I would here state that I have been applied to by several Unionists on the Virginia shore of the Potomac for protection and allow vessels to load their stock and bring their families away.) At midnight I moved up to Urbana; at daylight we attempted to land, but were met by a volley of musketry from the enemy concealed in a rifle pit, perforating the boat, but injuring no one. I spared the town, notwithstanding, seeing women and children hastening to and fro, but shelled the rifle pits; I then moved on to the eastern "wharf C," but saw nothing; at meridian passed Fort Lowry, a circular fort, mounting five guns, but have heard they had eight or eleven, one heavy rifle gun. On the hill, back about five hundred yards, new wooden barracks for five thousand men had just been finished, and in the rear of the fort, on the beach, quarters for three thousand more. I landed three boats' crews and destroyed all; found some muskets, blankets, and medicines. They evidently had left on our approach, as the hospital beds were left in a state as just vacated.

I went up then to Tappahannock. I fired a gun and hoisted a white flag, but seeing no boats for the authorities to come in, I went ashore with a flag of truce myself. I found only negroes on the beach, but sent for the authorities; three white men came down; I told them I would not damage their town, and to satisfy the women and aged to that effect, but that I should take possession of the town until I left. I hoisted the American flag from the most prominent public building, the school-house.

I learned from these gentlemen, disloyal, but not secessionists, that there were about thirty thousand troops at Fredericksburg, but Dr. Gordon said about twenty thousand, and that they were constantly moving; one regiment was five miles this side of Fredericksburg. General Longstreet commanded the brigade at Fort Lowry. No troops within thirty miles, save the cavalry pickets from the company at Urbana. No gunboats building at Fredericksburg, they believed. I heard the troops from Fort Lowry moved away one week ago.

I could get no pilot, or I should have gone up further. At this point the channel is two fathoms deep, crooked, and varies, and I could not devote the time to survey and pass up. I heard from a negro that five schooners were sunk in the channel seven miles this side of Fredericksburg.

There is no obstructions of any kind in the channel so far. Off Fort Lowry the light ship is sunk, though her masts are visible still, a perfect mark in day time. Tappahannock is fifty miles from Richmond, and the same from Fredericksburg by land; the latter seventy-five miles by water; troops can be landed here with perfect ease, but pilots must be had.

I laid off Tappahannock all night, hoping I might secure something passing down; at daylight I was rewarded by capturing a sloop from Fredericksburg with shad, oysters, and letters containing valuable information. * * *

I immediately got underway and stood down the river. I had decided not to go to Fredericksburg from the nature of the river. My vessels could have been sunk by rocks and stones from the banks, which are at least two hundred feet high, and I was advised not to go by a man at Tappahannock, who said he gave me the intelligence out of gratitude for sparing the town, as they thought I would destroy it as I had the barracks, &c., at Fort Lowry.

The men from the captured sloop gave way in their little boat as soon as they saw us and landed on the starboard side of the river; they had too good a start for us to catch them.

I captured coming down the river two schooners from out a creek, (Toustousky creek.)

At Union wharf I saw a lot of men; I made a hurried landing and captured two confederates belonging to Captain Jeffers's company and Hardin's, they were

to go in camp to morrow; they have been impressed and would stand by the Union if they dared, so they say; being in uniform, I retained them as prisoners. At the store on the said wharf I took all contraband articles, salt, coffee, &c. and scuttled the whiskey and rum; the feeling is Union, if they could be protected. At Heathsville there are ninety cavalry without arms or accoutrements and are to go in camp to-morrow at 3 p. m.; two thirds of them are impressed Unionists and wish to be captured.

Very respectfully, your obedient servant,

E. P. McCREA,

Lieutenant Commanding Expedition.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

Lieutenant Commanding R. H. Wyman's report of his proceedings on the Rappahannock.

FLOTILLA, POTOMAC AND RAPPAHANNOCK,

April 20, 1862.

SIR: I arrived at Fredericksburg, Virginia, on Sunday, at 10 a. m., having met with no resistance on the river, and no hostile act, with the exception of a few shots fired by pickets. I found that Fredericksburg had been surrendered to the land forces of the United States on the day before, the rebels having destroyed the bridges, burned the two steamers, Virginia and St. Nicholas, and about forty schooners belonging to private individuals, as also large quantities of corn and grain.

There is no obstruction on the Rappahannock river to within about seven miles of Fredericksburg; there several schooners, loaded with stone, are sunk across the channel. On sounding I found a channel to admit of the passage of two of the lighter steamers, with which I went on to the city. On a further examination of this channel, I find that most of the vessels of the flotilla could be taken past the "bulkhead" on high water.

There are two breastworks for guns thrown up on the right bank of the river—one at Lowry Point, the other just above the "bulkhead," about seven miles from the city. At present there are no guns mounted on them.

I have given those with whom I have communicated to understand that they will not be molested while pursuing their peaceful vocations. They seem to have anticipated harsh treatment, and I think that this expedition will conduce to a better feeling on their part. Those who have been prominent in rebellion are said to have left for Richmond. I enclose a list of captures made, a full list of which I have transmitted to the judge of the district in Washington. One steamer, named the Roundout, I have retained (subject to the approval of the department) in this river. She is almost worthless, but may be made useful for getting wood, water, &c., for the flotilla.

I am, sir, very respectfully, your obedient servant,

R. H. WYMAN,

Lieutenant Commanding Flotilla.

Hon. GIDEON WELLES,

Secretary of the Navy.

FLOTILLA, POTOMAC AND RAPPAHANNOCK,
April 20, 1862.

SIR: The following is a list of the vessels captured by this flotilla on the Rappahannock river and its creeks:

Steam propeller Eureka, of Georgetown. Cargo, 30 pounds cotton warp; 2 bags cotton; 2 sides leather; 9 plows; 24 shears.

Schooner Monterey, of Tappahannock. Sails, &c., complete. No cargo.

Schooner Lookout, of Baltimore. Sails, rigging, &c., complete. Cargo, corn for confederate government.

Schooner Sarah Ann, of Newbern. Sails, &c., complete. Cargo, corn. Abandoned.

Schooner Sydney Jones, of Baltimore. Sails, furniture, &c., complete. No cargo. Abandoned.

Sloop Reindeer, of Tappahannock. Sails, &c., complete. No cargo. Abandoned.

Schooner Falchon, of Tappahannock. Sails, &c., complete. No cargo. Abandoned.

Schooner Sea Flower. Abandoned; secreted in a creek, and masts cut away to prevent detection. Cargo, 4 barrels bone dust; 5,400 pounds copperas; 600 pounds saltpetre; 20 pounds indigo; 672 pounds carbonate soda; 500 pounds alum; 2 small compasses; 60 pounds shoe thread; 40 pounds shoe thread, colored; 176 gallons castor oil; 8 gross essence coffee; 4 dozen cans solidified lye; 2 large cases of assorted dry goods, cloths, hosiery, and notions.

Steamer Roundout, side wheel. No cargo.

No papers were found in any of the above-mentioned vessels.

I am, sir, very respectfully, your obedient servant,

R. H. WYMAN,
Lieutenant Commanding Flotilla.

Hon. GIDEON WELLES,
Secretary of the Navy.

Reports of the examination of Mob Jack bay and Piankatank river, by Lieutenants Badger and Magaw.

FLOTILLA, POTOMAC AND RAPPAHANNOCK,
May 8, 1862.

SIR: I have the honor to enclose herewith the reports of Lieutenant Commanding Badger, steamer Anacostia, and of Lieutenant Commanding Magaw, steamer Freedom, of their examination of Mob Jack bay and the Piankatank river. I have since learned that the light-boat taken from Windmill Point spit is anchored inside Gwinn's island, and have some clue to where the lighting apparatus is. These I shall make every effort to obtain. I have found it necessary to take and destroy all vessels and boats of any size on the Rappahannock, as they were being used to cross men from the peninsula, and I am convinced that there is hardly a man with Union sentiments on the southern bank of the river. It is now rumored among the negroes that the enemy intend placing batteries on the Rappahannock, and the points selected have been pointed out by them; but as yet no step has been taken towards it. Should they do so, I think it will be merely for the purpose of protecting a crossing nearly opposite the Brisco mines, from which point a field battery could be brought to command entirely their position, (selected by report.) The river is so narrow above Tappahannock as to render it almost impossible for vessels to

act against even a field battery. At present there are but a few pickets on the southern bank of the river, and they generally keep well out of range.

I am, sir, very respectfully, your obedient servant,

R. H. WYMAN,
Lieutenant Commanding Flotilla.

Hon. GIDEON WELLES,
Secretary of the Navy.

UNITED STATES STEAMER ANACOSTIA,
Flotilla of Potomac and Rappahannock, May 2, 1862.

SIR: I have the honor to report that, in obedience to your order, I have examined Mob Jack bay, and the creeks and rivers connected therewith, as far as practicable without a pilot.

I took the Anacostia a short distance up the Severn, Ware, and North rivers; in each we saw some schooners on shore without sails, having the appearance of being some time out of use. Some distance up the Severn there is a schooner in good order, moored close under the bank, no doubt well protected by the pickets of the enemy, as it is but a short distance from Gloucester Point. To penetrate this river we should be supplied with a pilot, and at least three steamers. No doubt we should have to contend with field artillery.

I am of the opinion that a small steamer should be stationed in Mob Jack bay, as there is nothing to prevent access to it for contraband trade or for other purposes. The steamer in the bay might also occasionally take a cruise up as far as the mouth of Piankatank at night.

I observe that vessels frequently anchor in the Chesapeake bay near the Virginia shore, and boats we know cross from the eastern to the western shore.

Very respectfully, yours, &c.,

O. L. BADGER,
Lieutenant Commanding.

Lieut. Commanding R. H. WYMAN,
Commanding Flotilla of Potomac and Rappahannock.

UNITED STATES STEAMER FREEBORN,
Piankatank, Virginia, April 29, 1862.

SIR: I have the honor to report that, in obedience to your order, I have examined the Piankatank river, and found, about twenty miles up, three schooners scuttled. On our return, with the Island Belle and prize-steamer Eureka, we were attacked by a battery of light artillery from a bluff and thicket. No damage was done us by the enemy of any importance. Our rifles prevented them from loading and discharging rapidly. Proceeding about two-thirds of a mile below the point of attack, we stopped and shelled out the party, firing some shells into the woods without a response. Upon reaching Fishing bay I found the Freeborn, Master's Mate Brice in charge, had been attacked during my absence, and had shelled the enemy until they ceased firing.

The Island Belle received two rifle shells and some musket balls. The Eureka received three rifle shells; one through her pilot house, one through her smoke-stack, and one on her after deck, cutting away the steering gear. I am pleased to say Acting Master Harris, Master's Mate Newton, and Third Assistant Engineer Magaw, behaved with great coolness and gallantry. The pilot of the Freeborn, Mr. Hardin, and Peter Nash, seaman, were slightly wounded, but

both are now on duty. The Eureka has been repaired; in fact, her efficiency was not impaired for more than fifteen minutes.

Yours, faithfully,

SAMUEL MAGAW,
Lieutenant Commanding.

Commodore WYMAN,
Commanding Flotilla.

UNITED STATES STEAMER FREEBORN,
Piankatank River, April 29, 1862.

SIR: I have the honor to submit the following report of the attack of the enemy upon this vessel during your absence up the Piankatank river on a reconnaissance of 29th instant.

While lying at anchor in the same position you left me in the morning, the enemy opened fire upon us from a masked battery of three or more guns, rifled, situated on an elevated position of five or six hundred yards distant. I immediately got under way, and returned their fire with such accuracy as to silence their guns.

Respectfully submitted,

J. S. BRICE, *Master's Mate.*

Lieutenant SAMUEL MAGAW,
Commanding Freeborn.

MISCELLANEOUS.

Lieutenant Commanding Trenchard's report of the capture of the English schooner Richard O'Bryan, July 10, 1862.

UNITED STATES STEAMER RHODE ISLAND,
Off New Orleans, July 10, 1862.

SIR: I have the honor to inform the department that on the morning of July 4, on the passage of this vessel from Velasco to Galveston, Texas, having made a schooner some seven miles to eastward of San Louis Pass, which at first was supposed to be the Rachel Seaman, the blockading vessel off that place, stood for her. Soon afterward she came to anchor about half a mile from the beach. Upon the approach of the Rhode Island the schooner got under way and was run on shore.

The position seemed to have been selected with special care, as the ground abreast the place where she stranded was somewhat higher and covered with thick brushwood, presenting a place favorable for an ambushade. Cavalry were near it, and others lurking by. A few shells thrown in the direction of this spot caused a hasty retreat of the cavalry.

The steamer was brought to anchor near the shore, and Acting Master Pennell directed to take charge of an expedition composed of the first cutter and two smaller boats, in charge of Assistant Paymaster Douglass and Acting Chief Engineer McCutchen, respectively, and despatched to the schooner, with instructions if she could be got off to inform me at once, but if otherwise, to remove such portions of the cargo as the boats might carry, then fire the vessel and return. The boats succeeded, under cover of our guns, in landing without any opposition. Upon overhauling the schooner it was found that she was bilged and abandoned, and from her papers she proved to be the English schooner

Richard O'Bryan, from Jamaica, cleared for Matamoras, with an assorted cargo, among which was a large amount of drugs.

The instructions given to Acting Master Pennell were promptly carried out, and the boats returned, bringing with them a large quantity of valuable medicines, and such articles as the boats might stow. A heavy squall coming up, and the surf increasing, it was deemed inexpedient to make another trip with the boats to the vessel, and she was fired.

Another schooner within the sound, separated from us by a narrow strip of land, which appeared to have been engaged in receiving the cargo of the O'Bryan, got under way upon our approach, and stood for San Louis, and soon after grounding was abandoned by her crew.

The weather having moderated, I directed the steamer to be got under way, and we took up a position directly abreast of the inside schooner, with a hope of being able to fire her with our shells; but failing in this, and discovering, as I had supposed, a very narrow pass, I directed Acting Master Pennell to reorganize his expedition, taking with him a light metallic boat, to proceed on shore, and if the "neck" of land proved to be no wider than it appeared, (fifty yards,) to haul the boat over, pull to the schooner, then fire her, and return. The boats landed, under cover of our guns, without difficulty, and the party, bearing our flag, waving proudly over Texan soil, proceeded to make the necessary reconnoissance.

The cavalry which had returned to the burning schooner after we had left her, discovering our men upon the shore, advanced towards them, but a few well-directed shells drove them back. A still larger body from the opposite direction now advanced rapidly toward our men; a shell fired toward them caused a temporary halt, and on they sprang, certain of their prey, when a few more shells from our well-served guns caused a speedy retreat.

The necessary examination was made, and the distance across the "neck" being much greater than anticipated, nearly a mile instead of a few yards, the plan was considered impracticable, and had, with great reluctance, to be abandoned, and the boats returned in good order to the ship.

Great credit is due to Acting Master Pennell, and the officers and men accompanying him for their promptness in carrying out the instructions given him.

The "O'Bryan" had been boarded a few days before by the steamers "Hatteras" and "De Soto" and the schooner "Samuel Houston," and warned off.

Acting Master Pennell reports that from appearances he should judge that about half the "O'Bryan's" cargo had been landed.

The papers found on board the schooner will be forwarded to the judge of the district court at Boston, and that portion of the cargo saved carried to that place in this vessel.

I am, very respectfully, your obedient servant,

STEPHEN D. TRENCHARD,

Lieutenant Commanding.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington.

Acting Master C. H. Daniels's report of naval battery taken by him to Harper's Ferry in May, 1862.

UNITED STATES NAVY YARD,
Washington, June 8, 1862.

SIR: I have the honor to submit the following report.

In obedience to your order of Sunday, the 25th ultimo, I assumed command of the "naval battery," consisting of six naval howitzers and one nine-inch Dahlgren shell gun, and proceeded per railroad to Harper's Ferry. I arrived there with my command about seven o'clock the next morning, and immediately reported to General Saxton, the commanding officer at that place. In obedience to his orders, I proceeded to disembark my battery. The howitzers were quickly disembarked and ready for service, but the large gun could not be so easily handled; weighing nearly four tons, it required much more time and trouble to disembark it from the car. I at last succeeded in "parbuckling" it over the side and securing it to the large truck used for transportation. Fourteen horses, from the 1st New York battery, were now attached, and succeeded in drawing the gun to the foot of the mountain road; four more horses were here added, but were unable to move the gun up the mountain.

Finding it useless to try and make the horses pull the gun up this road, and hearing of another some five miles around, I went over the road, and finding it much better, determined to take the gun up by this new avenue of approach by hand. With the assistance of three regiments, with the proper tackling attached, I *hauled* the gun to the position assigned to it, (which is 2,000 feet above the level of the sea.) The gun was now placed in "battery," and soon made ready for action.

My light howitzers were dragged up the mountain road by hand, and placed in position to protect my rear, the position being such that they could be made available at any moment for an attack upon the front.

Thursday morning an addition was made to my battery of two guns, one a nine-inch, the other a fifty-pound Dahlgren. After almost insurmountable difficulties, which were happily overcome by persevering efforts, I succeeded in placing them in their proper positions on the heights.

My whole battery, now commanding the valleys of the Shenandoah and Potomac rivers, as also the heights of Loudon and Bolivar, was now ready for any emergency.

On Friday evening, in obedience to General Saxton's orders, I opened my battery on Bolivar heights where the enemy was supposed to be in strong force. After an action of an hour's duration, during which time I expended twenty-five shells, ten shrapnel, and fifteen rifle shot, the enemy retired, leaving our forces in possession of the heights.

On Saturday, June 7, in obedience to orders received, I turned over to the army my two nine-inch guns and the fifty-pound rifle, receiving a receipt for the same; with the remainder of my guns, and with the nine-inch gun at "Point of Rocks," I returned to this yard, where I arrived and reported Saturday evening.

Of my whole command I can but speak in the highest terms during the entire siege.

I am, most respectfully, your obedient servant,

C. H. DANIELS,

United States Navy, Commanding Battery.

Captain J. A. DAHLGREN,

Commanding Navy Yard, Washington, D. C.

REPORTS
OF
THE CHIEFS OF BUREAUS,
AND
ACCOMPANYING PAPERS.

*List of papers accompanying the annual report of the Secretary of the Navy,
December 1, 1862.*

- A.—List of deaths, resignations, and dismissals in the naval service since December 1, 1861.
- B.—Report of the board of officers appointed to witness the examination of the midshipmen at the Naval Academy, &c.
- C.—Letter of the superintendent of the Naval Academy and reports of the commandant of midshipmen and commanding officer of the practice-ship.
- D.—Scale of bids for enlarging the southwest executive building.
- No. 1. Detailed estimates for the office of the Secretary of the Navy, southwest executive building, and Naval Academy.
- No. 2. Report, detailed estimates, &c., of the Bureau of Yards and Docks.
- No. 3. Detailed estimates of the Bureau of Equipment and Recruiting.
- No. 4. Detailed estimates of the Bureau of Navigation.
- No. 5. Report, detailed estimates, &c., of the Bureau of Ordnance.
- No. 6. Report, detailed estimates, &c., of the Bureau of Construction and Repair.
- No. 7. Detailed estimates of the Bureau of Steam Engineering.
- No. 8. Report, detailed estimates, &c., of the Bureau of Provisions and Clothing.
- No. 9. Report, detailed estimates, &c., of the Bureau of Medicine and Surgery.
- No. 10. Report of the commandant and detailed estimates of the paymaster and quartermaster of the marine corps.
- No. 11. General estimate (civil) of the office of the Secretary, bureaus, and southwest executive building.
- No. 12. Summary estimate for the naval service.
- No. 13. General estimate—navy proper.
- No. 14. General estimate—marine corps.
- No. 15. General estimate—special objects under control of the Navy Department.
- No. 16. Comptroller's statement of navy appropriations, expenditures, and balances.
- No. 17. Abstract of expenditures charged to the appropriation for "contingent expenses" of the navy, allowed in the settlement of accounts at the Fourth Auditor's office during the fiscal year ending June 30, 1862.

A.

List of deaths in the navy, as ascertained at the department, since December 1, 1861.

Name and rank.	Date.	Place.
<i>Rear admirals.</i>		
George C. Read.....	Aug. 22, 1862	Philadelphia.
Eli A. F. Lavalette.....	Nov. 18, 1862	Philadelphia.
<i>Commodore.</i>		
Garrett J. Pendergrast.....	Nov. 7, 1862	Philadelphia.
<i>Captains.</i>		
Philip F. Voorhees.....	Feb. 26, 1862	Annapolis, Maryland.
John Percival.....	Sept. 17, 1862	Dorchester, Massachusetts.
Uriah P. Levy.....	Mar. 22, 1862	New York.
Samuel Mercer.....	Mar. 6, 1862	Brooklyn, New York.
William L. Hudson.....	Oct. 15, 1862	Brooklyn, New York.
<i>Commanders.</i>		
Samuel W. Le Compte.....	Jan. 28, 1862	Cambridge, Maryland.
Henry C. Flagg.....	Aug. 23, 1862	Jamestown, New York.
Richard Wainwright.....	Aug. 10, 1862	Off New Orleans.
Francis Winslow.....	Aug. 26, 1862	On board the R. R. Cuyler.
<i>Lieutenant commander.</i>		
William Nelson.....	Sept. 29, 1862	Louisville, Kentucky.
<i>Lieutenants.</i>		
Samuel Marcy.....	Jan. 29, 1862	On board the Vincennes.
Joseph B. Smith.....	Mar. 8, 1862	On board the Congress.
John G. Sproston.....	June 8, 1862	Mayport Mills, Florida.
George M. Blodgett.....	Nov. 6, 1862	Mississippi squadron.
Charles H. Swasey.....	Oct. 4, 1862	On board the Sciota.
<i>Surgeons.</i>		
Samuel Barrington.....	Sept. 4, 1862	Philadelphia, Pennsylvania.
Charles H. Wheelwright.....	July 30, 1862	Ship Island.
<i>Assistant surgeons.</i>		
William Howell.....	July 26, 1862	New York.
William B. Gibson.....	Nov. 8, 1862	On board steamer Connecticut.
<i>Paymasters.</i>		
Francis A. Thornton.....	Mar. 19, 1862	Baltimore, Maryland.
Joseph B. Oliphant.....	Sept. 1, 1862	Key West, Florida.
Levi D. Slamm.....	.....	Marmaroneck, New York.
<i>Assistant paymasters.</i>		
James S. Turnbull.....	Feb. 13, 1862	Cedar Keys, Florida.
Charles E. Hammond.....	Feb. 27, 1862	On board the Sciota.
George F. Hall.....	Sept. 2, 1862	Key West, Florida.

A.—List of deaths in the navy, &c.—Continued.

Name and rank.	Date.	Place.
<i>Chaplain.</i>		
John L. Lenhart.....	Mar. 8, 1862	On board the Cumberland.
<i>Acting midshipmen.</i>		
John K. Carrothers.....	Dec. 23, 1861	On board the Richmond. Below New Orleans.
John B. Bradley.....	April 24, 1862	
John Anderson.....	do.....	
<i>Second assistant engineer.</i>		
Joseph L. Butler.....	Sept. 14, 1862	
<i>Third assistant engineers.</i>		
Lewis A. Haverly.....	Aug. 29, 1862	Naval hospital, Norfolk, Virginia.
James M. Benckert.....	June 28, 1862	On board the Itasca.
William H. Gamble.....	Aug. 26, 1862	Pensacola, Florida.
Frederick Dobbs.....	April 29, 1862	Williamsburg, New York.
<i>Boatswain.</i>		
William Lavery.....	Dec. 31, 1861	Philadelphia.
<i>Gunners.</i>		
John Myrick.....	Sept. 17, 1862	Marmaroneck, New York.
Jared D. Boorum.....	May 15, 1862	Ward's Bluff, James river.
<i>Carpenters.</i>		
John O. Butler.....	Sept. 29, 1862	On board the Michigan.
James Krim.....	Sept. 1, 1862	Key West, Florida.
<i>Major, marine corps.</i>		
William W. Russell.....	Oct. 31, 1862	Washington, D. C.
<i>First lieutenant, marine corps.</i>		
Henry B. Hoff.....	Aug. 17, 1862	On board the Lancaster.
<i>Second lieutenant, marine corps.</i>		
George Heisler.....	July 12, 1862	Memphis, Tennessee.
<i>Naval storekeeper.</i>		
James Irwin.....	Nov. 27, 1862	Philadelphia.

List of resignations in the navy since December 1, 1861.

Name and rank.	Date of resignation.	Name and rank.	Date of resignation.
<i>Lieutenant.</i>		<i>Acting midshipmen—Cont'd.</i>	
Joseph D. Blake	Feb. 5, 1862	William B. McMichael	July 1, 1862
<i>Surgeon.</i>		Peter V. Hasken	do
William G. Hay	Feb. 18, 1862	Joseph L. Bay	do
<i>Assistant surgeon.</i>		Edward Rodman	do
John Homans, jr	Sept. 17, 1862	Henry O. Proctor	do
<i>Acting midshipmen.</i>		Lewis M. Albright	do
Alfred F. Brady	Jan. 25, 1862	Walter S. Johns	do
William A. Duer	do	Edward P. Nellis	do
Thomas L. Morris	Feb. 16, 1862	George H. Chapman	do
Esculapius Buckmaster	Feb. 25, 1862	Samuel R. Whitall	do
Charles H. Brantingham	do	Arthur P. Selby	Aug. 12, 1862
Thomas R. Brooks	do	Edgar A. Decamp	Oct. 25, 1862
George F. Hyam	Mar. 12, 1862		
Franklin S. Cantrell	do	<i>Gunners.</i>	
Daniel W. Davies	do	Charles L. Duncan	Aug. 12, 1862
John C. Doughty	do	Charles De Bevoise	Nov. 15, 1862
William D. Groves	do	<i>Carpenters.</i>	
Henry F. Struse	do	David M. W. Nash	Feb. 15, 1862
William A. Doliver	do	James H. Carley	Sept. 25, 1862
Robert W. Alexander	do	Washington Duckett	May 28, 1862
James B. Baker	do	<i>First assistant engineer.</i>	
William Robinson	do	Edward Mars	Feb. 11, 1862
William H. Smith	April 1, 1862	<i>Second assistant engineers.</i>	
Junius D. Crabb	do	William Frick, jr	April 12, 1862
Francis O. Blake	April 14, 1862	Charles A. Chipley	April 9, 1862
William H. Dunn	May 17, 1862	William A. R. Latimer	Aug. 26, 1862
William H. Webb	June 10, 1862	<i>Third assistant engineers.</i>	
Alfred S. Newlin	do	F. A. R. George	Aug. 13, 1862
George H. Laughton	June 13, 1862	William C. Starr	May 28, 1862
Peter V. Bussing	do	L. L. Olmsted	Sept. 22, 1862
George J. Richardson	June 18, 1862	Sebastian Crolins	Aug. 13, 1862
William A. Hess	June 26, 1862	Augustus Mitchell	May 1, 1862
Amariah H. Hicks	July 1, 1862	Thaddeus S. Smith	July 8, 1862
Edward D. Breed	do	Joseph Mercer	May 1, 1862
Samuel C. Buckingham	do	Conrad J. Cooper	July 18, 1862
Norris P. Stockwell	do		
Arnold H. Dohrman	do		
William H. Mott	do		
Henry W. Golden	do		

List of dismissals in the navy since December 1, 1861.

Name and rank.	Date of dismissal.	Name and rank.	Date of dismissal.
<i>Commander.</i>		<i>Acting midshipmen—Cont'd.</i>	
George H. Preble.....	Sept. 20, 1862	Frederick H. Freeman.....	Oct. 4, 1862
<i>Lieutenants.</i>		George W. Wood.....	Nov. 25, 1862
Julien Myers.....	Dec. 6, 1861	Henry B. Rumsey.....	do.....
Alexander M. De Bree.....	do.....	Frederick J. Naile.....	do.....
Dulaney A. Forrest.....	do.....	<i>First assistant engineer.</i>	
William T. Glassell.....	do.....	William P. De Sanno.....	Mar. 19, 1862
Nicholas H. Van Zandt.....	Dec. 24, 1861	<i>Third assistant engineers.</i>	
John Henry Parker.....	Jan. 18, 1862	William Dunlap Park.....	Feb. 17, 1862
James J. Waddell.....	do.....	William H. Habirshaw.....	Feb. 5, 1862, (App't revoked.)
Robert M. McArann.....	Jan. 22, 1862	John P. Green.....	Mar. 1, 1862, (App't revoked.)
<i>Assistant surgeons.</i>		<i>Boatswains.</i>	
James W. Herty.....	Dec. 17, 1861	J. C. Myers.....	Dec. 13, 1861
Osborn S. Iglehart.....	Jan. 28, 1862	Charles H. Hatfield.....	Jan. 4, 1862
<i>Paymasters.</i>		Joseph Shankland.....	Sept. 20, 1862
Benjamin F. Gallaher.....	Aug. 22, 1862	<i>Gunners.</i>	
Granville T. Pierce.....	Sept. 4, 1862	William Ward.....	Jan. 4, 1862
<i>Acting midshipmen.</i>		Leonard K. Ellis.....	Feb. 11, 1862
Francis D. Campbell.....	Dec. 5, 1861	Charles Seymour.....	April 25, 1862
Franklin Y. Commager.....	Dec. 28, 1861	Otis H. Gilmore.....	May 7, 1862
Charles H. Poor, jr.....	Feb. 25, 1862	Samuel Cross.....	Sept. 10, 1862
John A. Hopkins.....	Mar. 20, 1862	John Duncan.....	Sept. 22, 1862
William R. Hunter.....	April 14, 1862	William Summers.....	Sept. 30, 1862
James E. Whitwell.....	do.....	William Yates.....	do.....
Julius N. Beemer.....	do.....	G. H. I r o s.....	Nov. 29, 1862
John C. Conner.....	July 15, 1862		
Edwin S. Fowle.....	do.....		

B.

UNITED STATES NAVAL ACADEMY,
Newport, R. I., June 9, 1862.

SIR: The board of officers appointed to witness the examination of the several classes of acting midshipmen at the Naval Academy, and to examine into the state of the police, discipline, and general management of the institution, begs leave to submit the following report:

GENERAL REMARKS.

On assembling, the board found that the examination of the second class, the highest now at the institution, was nearly ended; but requesting it, members of it were re-examined, so that an opinion might be formed as to the extent and character of the attainments of the class. The board also witnessed the examination of the other classes.

In view of the untoward circumstances connected with the removal from Annapolis, and the necessity of occupying a building previously used as a hotel, in the centre of the city, without any enclosure to separate the students from the community, and as the limited capacity of this building rendered it necessary that most of the students should be quartered on board of the *Constitution*, the board was not prepared to see the institution in the same condition, substantially, as that in which it was before the removal. In this, however, it has been agreeably disappointed.

POLICE AND DISCIPLINE.

Although the superintendent has labored under many disadvantages, the police and discipline were, perhaps, never better than at this time. The combination of parental authority with military discipline appears to be admirably adapted to the condition of students in an institution such as this, in which young men are trained at the public expense, for future usefulness in the navy. There is no appearance of injury to the police or discipline of the establishment, though surrounded by the town and not separated therefrom by an enclosure.

The board, upon a careful examination of the modes of punishment authorized by the regulations of the academy, and upon an inspection of the records of the superintendent's office relating thereto, is fully satisfied that in the performance of the important duties connected therewith, the superintendent has evinced judgment and discretion, for which, as well as for the general condition of the institution, and the police and discipline maintained therein, he is eminently entitled to the highest credit.

The board carefully examined the rooms occupied by the acting midshipmen, the recitation rooms, the kitchen, the bath-room, the laundry, and other apartments, and was gratified with the appearance of cleanliness, comfort, and order in all of them.

MESS, MESSING, AND OTHER EXPENSES.

The arrangements for messing the students are good. The food is of good quality, abundant, and well cooked. No difference is made in the mess arrangements of the house and those of the school-ship *Constitution*. In both the food is the same as to quality, quantity, and cooking, and in both the same attention is paid to cleanliness and neatness.

The cost of food and attendance, of clothing and of other supplies, is some-

what larger than usual, owing, however, entirely to the general advance since the beginning of the rebellion in the prices of all the necessities of life.

INFANTRY, ARTILLERY, AND OTHER EXERCISES.

The board witnessed the exercises of the acting midshipmen as a battalion of light infantry, as light artillery, at the great guns of the Constitution, and at target firing on shore. In all these exercises they appear to have been carefully instructed, and in the judgment of the board have attained a degree of excellence in them not to have been expected from students, none of whom have been more than two sessions, and some not three months, at the institution.

The want of an efficient sword-master had been much felt at the institution, but it has been recently supplied by the appointment of a person whose instruction was witnessed by the board, and who appears to be a good instructor.

The board also examined specimens of the drawings of the students, in which branch of instruction they appear to have made satisfactory progress. Many of the specimens are well executed, and do credit both to the instructor and the pupils.

EXAMINATION OF THE SEVERAL CLASSES.

Although the academy is laboring under peculiar disadvantages, as now situated, the board is satisfied that the acting midshipmen have pursued their studies with commendable diligence, and much credit is due to the academic staff for the progress that has been made under such adverse circumstances.

The board cannot, in justice, let this occasion pass without noticing the zeal, industry, and perseverance which appear to have actuated the academic staff under the trying circumstances in which they have been placed since leaving Annapolis.

SELECTION OF CANDIDATES FOR ADMISSION, AND DEFICIENCIES AT EXAMINATIONS.

The attention of the board has been directed to the want of proper care in the selection of candidates for admission into the academy. With honorable exceptions, the selection of candidates by members of Congress seems to depend, in many cases, almost entirely upon political or family influences, without sufficient regard to their character or fitness for the public service. In many cases the students, upon admission to the academy, are almost entirely unprepared, by want of previous training, to pursue successfully the course of instruction, and before they are made sensible of the necessity of application and industry, they are found deficient, and have to be dismissed, or to be turned back to commence their studies anew. After a careful examination of the subject, the board has been forced to the conclusion that the selection of candidates has not been made with sufficient reference to the wants of the public service, but has been, and continues to be, regarded as a portion of the patronage of the members of Congress making the nominations. The evil does not stop here; for, in many cases, after they have been appointed without sufficient regard to talents or fitness, and have obtained admission into the institution, and subsequently have been found unfit to pursue the studies of the class to which they belong, the influence of the members of Congress originally nominating them is successfully used to continue them at the institution, in obtaining authority for them to recommence their studies by joining a lower class, thus retaining those wanting in talents or fitness to the exclusion of others of suitable qualifications that might be presented. By reference to the records of the academy from October 1, 1851, to June, 1857, it is found that 124 students were turned back to pursue a second time portions of the academic course. Of this number 14 were of

the second class, 10 of whom passed the final examination; 22 of the third class, 8 of whom passed the final examination; 43 of the fourth class, at the June examination, of whom only 6 passed the final examination; and, lastly, 45 of the fourth class found deficient in February at their first semi-annual examination after entering the academy, and turned back, of whom *not one* succeeded in completing the course of instruction and passing the final examination. The board cannot avoid the conclusion that the causes operating to produce so many failures to prosecute successfully the course of instruction, are the want of proper care in the selection of candidates, and the practice of allowing students who fail to pass an examination to pursue the same studies a second time with the next lower class. Of 124 students turned back, only 24 have passed the final examination. In view of these facts, the board is of opinion that the practice of permitting students to recommence their studies after having been found deficient at any examination should be discontinued, and that in the selection of candidates for admission the utmost care should be observed. An institution like this, in which the students are educated and supported by the government, ought to have them selected from the brightest and most promising youths of the country. The board requests the attention of the department to a tabular statement accompanying this report, and showing "the number of candidates admitted or rejected each year, the number in each class at successive examinations, the number found deficient," &c.

SCHOOL-SHIP.

The introduction of a school-ship is, in the judgment of the board, a decided improvement upon the original plan of the academy. In it the acting midshipmen receive their first impressions of the service for which they are to be educated, and the board is of opinion that better care can be taken of the members of the fourth class on board of the school-ship than on shore, and that there is ample evidence to show that as good progress in studies can be made on board as on shore. In the belief that the number of students in the academy will be considerably increased, the board recommends that a large ship, or one with greater accommodation than the Constitution, be employed.

PRACTICE-SHIP.

The board inspected the practice-ship "John Adams" just before she sailed with the acting midshipmen, on the summer cruise. In the judgment of the board, such a ship as this does not meet the wants of this service.

The importance of the practice-ship, in connexion with the course of instruction at the academy, can scarcely be overestimated. In view of the change going on in ships-of-war, and the probability that steam-vessels will be universally employed, the board begs leave to call the special attention of the department to the want of a proper practice-ship, with steam-power, for the use of the students during the summer cruise. At the academy the students acquire a theoretical knowledge of the application of steam and of the steam-engine; and it is of great importance that they should acquire a practical knowledge of the steam-engine during the summer cruise. This can be effected only by having a vessel with steam-power. If the practice-ship had steam-power, the board is of opinion that the acting midshipmen could, without special interference with their other studies or duties, acquire a sufficient practical knowledge to run an engine in case of necessity, and to direct intelligently the engineers who have the special charge of the engines and machinery.

REMOVAL OF THE ACADEMY TO AND FROM NEWPORT.

It is scarcely necessary to refer to the causes which led to the removal of the academy; under the circumstances, such removal was unavoidable. Coming here without any previous preparation, the difficulties to be encountered were great, and not to be easily overcome. Expedients had to be adopted, and in many ways the superintendent and other officers of the institution were at a loss how to proceed so as to prevent the studies of the acting midshipmen from being materially interrupted. For the want of proper rooms, inconveniences are still experienced when several classes are reciting at the same time. The library is in boxes at Fort Adams, and appears to be in good condition *now*, but the board does not think that such valuable books should long be kept in a casemate. Doubtless dampness is there, which, in time, will injure or destroy them. Besides, it is important the library should be in a condition for use. At the hotel building there seems to be no suitable accommodation for it. The board is of opinion that as soon as it can be done with safety, the academy should be returned to Annapolis, where every facility exists for the improvement of the students and for the comfortable accommodation of all connected with the institution.

SUPERINTENDENT AND OTHER OFFICERS OF THE ACADEMY.

The board desires to express more than a passing compliment to the superintendent, officers, and others, for the manner in which the affairs of the academy are conducted. Surrounded by difficulties, they have, so far as the board can judge, been zealous and faithful in the performance of duty, and have succeeded in maintaining the standard of study and conduct with reduced numbers and frequent changes in the academic staff. They had no relaxation by a vacation last year, and are expecting none this. The necessity of keeping a large number of students here during the summer, when usually there is a vacation, does not appear to produce discontent or indisposition on the part of any to continue to perform faithfully their duties during this summer, though a season until recently affording them a respite from labors in the recitation hall.

In conclusion, the board desires to express the conviction that, by the arrangements which the department has directed, this important institution has not only been preserved through a period of great embarrassment and difficulty, but that its tone and discipline are in no respect impaired.

The board cannot close this report without a special reference to the superintendent. He has, in the judgment of the board, been untiring in the discharge of his duties, and has performed them in such a manner as to elevate the character of the academy. His mode of governing the young gentlemen under his charge is calculated to produce the happiest results. In no situation connected with the navy could he, in the judgment of the board, have higher or more important duties to perform than those devolving upon him here, and certainly he could not render more valuable service to the country than that performed by him as superintendent of this important institution.

It is proper to state that Commodore Joshua R. Sands and Captain William L. Hudson, members of the board, were not present at the earlier exercises of the acting midshipmen.

Having now completed all of its duties, it only remains for the board to commend this valuable institution to constant and fostering care of the department, and to adjourn *sine die*.

I have the honor to be, very respectfully, your obedient servant,

C. K. STRIBLING,

President of the Board.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington, D. C.

The followings statements of Commodore Sands and Captain Glynn are, at their request, annexed to this report :

From Commodore Sands.

In the main I concur in the views presented by the foregoing report, but respectfully take leave to except to that portion of it which would seem to reflect on the motives and conduct of members of Congress who by law are authorized to offer candidates for examination and admission to the Naval Academy; also, to so much of it as would seem to reflect unfavorably on parents and guardians, in some instances of small means, in offering candidates not equal (for the want of "*previous training*," &c.) to the high standard required. Further, the present juncture of affairs having rendered it necessary to remove the Naval Academy to Newport, Rhode Island, the suggestion that it be returned to Annapolis at any rate for some time to come, is uncalled for. Lastly, I am of the opinion that the high encomiums so justly bestowed on the academic staff and the superintendent in the body of the report make the commendation near the conclusion superfluous.

I am, very respectfully,

JOSHUA R. SANDS,
United States Navy.

From Captain Glynn.

I object to the report as being too laudatory in general, and more particularly to the nine lines beginning with the words "*in no situation*," assuming, as they do, that the duties of an officer in the academy can be of more importance to his country at any time than his proper duties on board of a ship in commission.

Very respectfully,

JAMES GLYNN,
Captain, United States Navy

C.

THE NAVAL ACADEMY.

NAVAL ACADEMY,
Newport, R. I., October 8, 1862.

SIR: I transmit herewith the accompanying reports of Lieutenant Commander Edward Simpson, United States navy, commandant of midshipmen, and of Lieutenant Commander Stephen B. Luce, United States navy.

I beg leave to express my sense of the untiring zeal and devotion of these able officers, as well as of the others under my command, to their important duties.

Owing to the great increase of the academy, and its change of circumstances in other respects, the course of practical instruction has of necessity been materially changed; but I trust that these reports will show that the great facilities placed at my disposal by the department for this important purpose have been used advantageously.

I have the honor to be, sir, very respectfully, your obedient servant,
GEO. S. BLAKE, *Superintendent.*

Hon. GIDEON WELLES,
Secretary of the Navy, Washington, D. C.

UNITED STATES NAVAL ACADEMY,
Newport, R. I., September 30, 1862.

SIR: The summer practice cruise being ended, I have the honor to submit the following detailed report:

On the 3d of June I embarked the midshipmen who were detailed to make the first portion of the cruise. These comprised the first class, twenty-one in number; the second class, thirty-one in number; and twenty-eight of the advanced third class; making eighty in all.

The steerage was found sufficiently commodious, but the portion of the berth deck assigned to the crew was too contracted, forcing many of them to sleep on deck in port. This inconvenience would be removed if the ship were fitted with a light upper deck; and the room thus added would enable her to accommodate twenty more midshipmen, as the entire berth deck could then be devoted to their use.

In obedience to your instructions, the ship was swung carefully at her anchor, under the general direction of the professor of astronomy, navigation, &c., for the purpose of determining the local attraction of the compasses. The errors were tabulated, but proved to be so insignificant that it never was found necessary to apply them to the courses steered. The first class were under instruction during the operation of swinging the ship, and assisted in the work.

On the 6th of June I got under way from Newport, and proceeded to Gardiner's bay, in Long Island sound, where I anchored on the evening of the same day. The midshipmen and crew were stationed in watches and at quarters, and I proceeded to organize the boats of the ship, manned by midshipmen, in a manner that would enable them to take part in any expedition that might be on foot in case our cruise to the southward might afford an opportunity for active service. The boats were hoisted out, armed and equipped for service; the launch's crew (first-class men) were exercised in working the howitzer in the

boat and in landing it on the beach; and, finally, a landing party, consisting of all the boats, was fitted out from the ship, and, moving in approved order to the shore, effected a landing, and formed on the beach in a style which indorsed the advantage of previous drill, and promised well for the reputation of the academy in case these, its representatives, should have an opportunity of meeting an enemy.

On the 11th of June I sailed from Gardiner's bay, and on the 16th arrived at Hampton roads, where I anchored near Fortress Monroe, and sent the midshipmen on shore to examine the fortress. I called on Rear Admiral L. M. Goldsborough, who recommended that I should take the ship up the York river, (her draught of water preventing her from approaching the scene of more active operations up the James river.) Accordingly, on the 18th, I sailed for Yorktown, where I arrived on the afternoon of the same day, and made arrangements with Brigadier General Van Allen for landing the midshipmen on the following day, for the purpose of examining the works of Yorktown, as well as those thrown up with such masterly skill by Major General G. B. McClellan. On the 19th I landed with all the midshipmen, and drew them up in front of the general's quarters, where he inspected them, and declared himself highly gratified with their appearance. Through his kindness we were provided with horses for mounting the officers who accompanied me, and an escort of cavalry, and, under the guidance of Captain Revere and Lieutenant Mott, of the volunteers, (to whom I acknowledge my indebtedness for their attentions,) we made a thorough inspection of the works inside and outside, the attention of the midshipmen being called to the mortar battery of 13-inch mortars, which was ready to open fire on the very day that Yorktown was evacuated.

On the 20th I sailed from Yorktown, and having received the permission from the Navy Department to extend the cruise of this ship as far south as Port Royal, South Carolina, I proceeded for that port. During the passage down we experienced the long spells of southerly winds so prevalent at that season of the year, and being anxious to make the trip in as short a time as possible, I concluded to take the track of schooners bound down the coast, and keep close inshore inside the Gulf Stream. This brought us under the influence of the violent squalls, accompanied by thunder and lightning, which come off at night from the land, and afforded an excellent opportunity of giving the midshipmen some experience in taking care of a ship in bad weather, besides giving the officers an opportunity of noticing those of the midshipmen who proved themselves the most forward in the performance of duty under trying circumstances. In rounding Cape Hatteras, after being becalmed to the northward of it for three days, we experienced the heaviest of these squalls that I have ever seen on the coast. While making the passage every opportunity was taken advantage of to perfect the midshipmen and crew in their duties at quarters; division exercises every morning and general quarters every afternoon soon brought them to a high pitch of excellence, and by the time we reached Port Royal the ship was in good fighting order, with her stays and backstays snaked down, and every preparation made for getting up temporary stays and preventer braces, for slinging topsail yards, for putting on fighting stoppers, for dismounting guns—in short, for providing against all accidents incident to an action at sea. On the 3d of July we anchored at Port Royal, South Carolina, where the midshipmen had an opportunity of visiting the United States frigate Wabash, commanded by Commander C. R. P. Rodgers, and bearing the flag of Rear Admiral S. F. DuPont. The condition of this ship, reflecting the highest credit on her officers, was eminently calculated to impress the young gentlemen, and will no doubt be adopted by them as a standard by which to draw comparisons and as a model for imitation. Finding that there were no active operations on foot in which this ship could bear a part, I sailed from Port Royal on the 5th and proceeded to Newport, Rhode Island, where I anchored on the 13th.

During this the first portion of the practice cruise, notwithstanding the necessary work on deck attending the making a passage and the constant drills and exercises of a military character, I was enabled to assign two hours of nearly each day to the instruction of one watch of the midshipmen in navigation. Professor W. H. Wilcox, who acted as instructor during this portion of the cruise, made such valuable use of this time that before our arrival at Newport the third class could work out the day's work; the second class, in addition to this, were proficient in reading the sextant and making meridian observation, of the sun, while the first class not only could determine the latitude, but were determining the longitude by time sights of the sun. I herewith forward, marked A, the daily reports of the instructor during this cruise.

During this portion of the cruise a detail was made each day of three midshipmen of the first class to act as mates of the forecastle, three as midshipmen of the watch, and one as mate of the steerage. They were not intrusted with the charge of the deck, but were enjoined to pay the strictest attention to the manner in which the duty was carried on by the lieutenants in charge of the deck, and every effort was made to obtain as much uniformity as possible in the manner of giving orders and performing evolutions.

After transferring to the school-ship *Constitution* the members of the advanced 3d class that I had on board, and transferring from her the same number of midshipmen of the advanced 3d and 3d class proper, I proceeded on the 18th of July to New London, Connecticut, where I anchored on the same day. The following day I permitted the midshipmen to go on shore by watches, on liberty, and have the satisfaction of being able to report that their gentlemanly and correct deportment made a most favorable impression. They also visited the United States frigate *Sabine*, which was at anchor here, commanded by Commodore Cadwalader Ringgold,

On the 21st I sailed from New London, and arrived in the afternoon off the entrance to New Haven harbor, where I anchored. Hearing that Rear Admiral Andrew H. Foote was in New Haven, and believing that an interview with him would exert a good influence on the midshipmen, I took them on shore, and after drawing them up in front of the admiral's residence, presented them to him. I must add that I rejoiced at the opportunity of extending a compliment to one who has done so much for the reputation of the navy. The admiral kindly came forward on his crutches and addressed them in a few stirring and spirited remarks, which, combined with the influence necessarily exerted by the presence of a man of his reputation, must have made a deep and lasting impression upon the minds of all who heard him. The moral and Christian tone of his remarks was eminently calculated to benefit the young men. He then invited them into the house, where they were introduced to him individually, and had an opportunity of viewing some interesting trophies. The whole scene was impressive, and was one that the midshipmen will never forget.

On the 23d I ran over to Oyster Bay harbor, Long Island, where I hoisted out and rigged all boats and sent down top-gallant masts, preparatory to stripping the mainmast. I was surprised to find that this was the first ship that had ever entered Oyster Bay harbor.

I remained in this fine harbor ten days, during which time the 1st class sent down the main topsail and main yards, stripped the main topmast, sent down the main topmast cross-trees, main topmast, main cap, and raised one-half of the main-top preparatory to sending it down. They then replaced all the rigging, sent up the masts and yards, and got the ship a taunto. During the afternoons I varied the exercise by sending the midshipmen out to exercise in sailing their boats, and encouraged them in the practice of swimming.

On the night of 2d of August we ran over to New London for the mail, which place we left on the 4th and proceeded to Greenport, Long Island, where a vessel of the navy had never been seen before. The ship attracted much attention

from the people, who came off to her in crowds, both at this place and at Oyster Bay, and I feel confident that her visits to this island will excite among the Long Islanders an interest in the academy and the navy which they never had before. Sailing from Greenport on the 6th, I anchored in Shelter Island sound, and on the 7th proceeded up the sound as far as Southold bay, where I came to, making a flying moor, and put on the mooring swivel. While lying in this fine bay I confined the instruction to the practical working of anchors and chains, during which exercise I moored, put on the mooring swivel, took off the swivel, unmoored, bent sheet chain, let go sheet anchor, hove it up to the bows, and transported it back to the waist, and then, buoying up the stern of the launch with casks, I hung the port bower anchor to her, and laid it out with fifty fathoms of chain attached, using the other boats of the ship to buoy up the chain, and hauling them all out by a hawser, led inboard, which being rove through a block lashed to the ring of the stream anchor, (previously planted in the required direction,) had its standing part made fast to the bow of the launch. The anchor being let go, the stream was weighed in the launch by the buoy-rope and brought alongside. In letting go the anchor one of the stops, secured to the quarter of a sharp-sterned boat, jambed, taking the boat down with the chain and leaving several of the midshipmen in the water. One of them, Midshipman Henry Glass, of the 1st class, could not swim, and I had occasion to notice the heroic conduct of Midshipmen D. R. Cassel, C. M. Chester, and D. N. Bell, in their efforts to save him from drowning. I forward herewith (marked B) a copy of an order which I caused to be read at supper formation on the day of this occurrence.

On the 9th I got under way from Southold bay and returned to Greenport, where I anchored during the 10th, (Sunday,) and on the 11th, in the afternoon, ran out to Gardiner's bay, where I remained until the next morning, when I sailed for New London, at which place I anchored on the same day. Finding the ship very light, and not wishing to fill her tanks with salt water, I remained in New London until the morning of the 16th, during which time I watered ship.

While lying in this port the usual port exercises were carried on, of loosing and furling sails, crossing and sending down royal and top-gallant yards, crossing top-gallant yards and loosing sails at the same time, and sending down top-gallant yards and masts together.

The French steam frigate "*La Guerriere*," was at anchor here, flying the flag of Rear Admiral Reynard. I visited the admiral, and when he returned my visit, he inspected our ship, and made many inquiries concerning our system of instruction, seeming to be highly gratified at all he saw and heard.

He kindly granted permission for the midshipmen to visit his ship, and I sent them on board by watches, under charge of a lieutenant, when they were privileged to examine her under the guidance of the executive officer, Commandant Forget, to whom, as well as to Captain La Perouse, I acknowledge my indebtedness for their kindness. On the 15th I joined the *Sabine* in firing a salute of 21 guns in honor of the fête day of Napoleon.

On the 16th I put to sea for the purpose of giving the first class some experience in firing at sea. The mixed character of the battery was favorable for experience, but many of the fittings were imperfect. The firing was generally good; the distance of the target was constantly determined by angles measured from aloft, and the distance of the first graze of each shot was also determined. The distances corresponding to the angles were read off as soon as the angles were mentioned, from a table arranged by Lieutenant W. P. Buckner during the practice cruise of 1860, and which is found to be the most accurate and convenient method of determining distances at sea when the distant horizon is clearly defined.

During the continuance of this practice I endeavored to point out to the first class all the difficulties to be overcome in firing at sea, and to demonstrate how

they were to be surmounted, laying particular stress on the necessity of laying the gun in such a manner that the line of sight should be on with the object at a particular point of the roll, after doing which, to wait for the roll to adjust coincidence.

On the 20th I ran in and anchored in Gardiner's bay, in order to attend to some important details of ship work which had been neglected for some time in consequence of the constant occupation of all on board. On the 23d I returned to Newport, Rhode Island.

During this second portion of the cruise, except when the instruction was confined to some special point of practice, two hours of each day were devoted to the instruction of the midshipmen in navigation. Under the able instruction of Lieutenant Commander E. Orville Matthews, the third class on board had accomplished the working of a day's work; the second class had perfected themselves in working time sights by the sun, and could determine the variation of the compass by azimuths and amplitudes, while the first class had progressed so rapidly as to be able to find the latitude and time by altitudes of the moon and bright stars. They were also familiarizing themselves with the positions of the brightest stars by practicing with the planisphere. I forward herewith, marked A, the daily reports of the instructor during this cruise. I also forward, marked C, a system of routine for the practice-ship which I have been enabled to carry out successfully, and which I recommend shall be adopted for guidance in future cruises.

During this portion of the cruise, a detail was made each day of three midshipmen of the first class to do duty as officers of the deck, and they have been drilled, as far as it was possible, in the duties of deck officers at sea and in port. In charge of the deck at sea, they got the ship under way and anchored her, exercised in tacking and wearing, in box-hauling, in making and taking in sail, in reefing topsails, &c., &c.; and in port, much care was taken to instruct them in the established customs of the service, referring to all port routines and observances of the etiquette of a man-of-war.

Leave of absence having been granted by the Navy Department to the first and second classes, I took on board the advanced third class and enough of the third class proper to complete the complement assigned to this ship, and, on the 29th of August, put to sea and stood for the Vineyard sound, where I anchored at Tarpaulin Cove. I take pleasure in calling your attention to Midshipmen H. Glass, E. Dickman, and Ira Harris, jr., of the first class, who gave up their leaves of absence and requested to be permitted to complete the cruise in this ship, willingly giving up the gratifications of a month's leave for the sake of the benefit which they saw they would derive, professionally, from continued practical experience.

Their request was, of course, granted, and they have, during the last portion of this cruise, been in constant practice as officers of the deck, carrying on duty to my satisfaction.

During an exercise at furling sails, while at anchor in this place, Midshipman R. C. Hooker fell from the main topsail yard to the deck, but his life was most mercifully preserved. As he fell he was caught in the bight of the main sheet, which hung loose under the quarter of the main yard, and was thus eased down to the deck, which he reached with no more serious injury than a painful abrasion on the neck.

A gale of wind which blew from the southward on the 1st of September kept me at Tarpaulin Cove until the 2d, when I ran over to Edgarton, where I took another gale from the northwest. On the afternoon of the 3d I left Edgarton and anchored at Holmes' Hole, which place I left on the morning of the 4th and beat out to sea through the Vineyard sound, and commenced beating to the southward and westward towards the capes of the Delaware. The wind remaining steady from the southward and westward, I did not reach the capes until the

9th, when I anchored under the breakwater. I was detained here by easterly weather until the morning of the 12th, when I stood out to sea and shaped a course for Montauk Point, Long Island. On the evening of the 15th I anchored off New London harbor, having experienced at sea a short but heavy gale from the north-northeast.

On the morning of the 16th I got under way and ran up Long Island sound to Glen Cove, Hempstead harbor, where I granted to the midshipmen a few hours recreation on shore.

On the 26th I left Glen Cove and proceeded down Long Island sound on my way to Newport, R. I., where I arrived on the 29th, thus bringing the summer practice cruise to an end.

During this portion of the cruise the instruction was confined to seamanship, the advanced third class and those of the third class proper who were on board having already completed the course of navigation required by your instructions.

Under the able instruction of Lieutenant Commander R. L. Phythian, the executive officer of the ship, they have been thoroughly drilled in the rigging of this ship, making recitations on the subject daily, for which they have been regularly marked. I forward herewith, marked A, the report of this instructor, in which the classes are arranged in the order indicated by the average of all the marks given at daily recitations. This relative standing will prove a useful reference. I have been fortunate in having, as my assistants on this cruise, officers all of whom are distinguished graduates of the academy, and who were very sensible of the importance of the work that they were required to perform. In every way they have rendered me great assistance, and have exerted themselves to the utmost to impart information to the midshipmen under their control. The academy is beginning to feel the effect of its own influence; the graduates are beginning to give back what they received from it. The practice cruise is, necessarily, one of risk and danger. I am happy to be able to report, in conclusion, that it has pleased a merciful Providence to avert from us all serious consequences that might have resulted from the accidents that have occurred on board.

I am, sir, very respectfully, your obedient servant,

E. SIMPSON,

Lieutenant Commander and Commandant of Midshipmen.

Commodore G. S. BLAKE,

U. S. N., Superintendent U. S. Naval Academy.

UNITED STATES SHIP MARION,
Newport, Rhode Island, September 29, 1862.

SIR: The summer exercises having been discontinued by your orders, I beg leave to submit a brief account of the studies and exercises of the junior classes during the past season, and of the progress made by them since the 4th of June, when, by the departure of Lieutenant Commander Simpson, in the John Adams, I was left acting commandant of midshipmen.

The Adams took out, as you are aware, the first and second class, and twenty-eight of the advanced third class, leaving the remainder of the third class and the entire fourth class, numbering, together, one hundred and seventy-one midshipmen to be cared for.

For the instruction and improvement of these, I believe the best programme circumstances admitted was adopted; it consisted of the usual English studies and drawing, the great gun exercise, exercise with the howitzer ashore and afloat, infantry drill, the bayonet exercise, small-sword, instruction in the use of the marling-spike, in the rigging-loft, in rowing, and in swimming.

During the early part of the summer, and before the exercises commenced, the higher sections of the third and the fourth class reviewed algebra, but the lower sections, through a deficiency of recitation rooms, were somewhat embarrassed in their progress. The progress made in English studies is stated to be quite fair, and in French the success has been very flattering.

Lieutenant Commander Lull, of the *Constitution*, under whose special supervision the class fell, says: "In order to give them an insight into their naval duties, one section (consisting of about sixteen persons) was each day detailed for the following duties, which they were required carefully to perform, viz: one officer of the deck, one officer of the fore-castle, one quartermaster, one corporal of the guard, and a guard for marine sentries."

"Some changes being required in the internal arrangements on board of the *Constitution*, and the ship requiring cleaning and painting, on the sixteenth of June the class was removed to Fort Adams, where they performed garrison duty; a guard of thirty-six being detailed for each twenty-four hours. Guard mounting took place every morning at 7.30. Instruction in practical seamanship, in the rigging-loft, in drawing, infantry tactics, naval light artillery tactics, and sword and bayonet exercises, were continued during their stay at the fort."

"On the twelfth day of July the class was transferred to the *Constitution* again, when the former programme was resumed."

One cannot fail to observe that the list of exercises, embracing though it does some very important branches, still lacks one essential element—seamanship. It is true the rigging-loft was in charge of an exceedingly competent officer, and one who faithfully performed his duty of instruction, but the midshipmen, while learning to be riggers, should also be acquiring a knowledge of the more active duties of seamen. Even the gun exercise on board the *Constitution*, though thorough of its kind, was wanting in one condition indispensable to the proper training of a seaman gunner—the restless ocean, where, on the ever-varying plane of the deck, he learns to "watch the roll;" so that although the programme adopted was the best possible with the means at hand, yet it did not accomplish so much as it was desirable towards training the midshipmen to be seamen and men-of-war's men, which I apprehend is one of the chief elements in the education of a naval officer.

This deficiency in strictly professional exercise was fully realized by yourself, and was beginning to be seriously felt, when, happily, the Navy Department, on your application, detailed this vessel as an additional practice-ship.

On the 20th of July the *Marion* arrived, and no time was lost in putting her to use.

The policy adopted by you in regard to the *Marion* differs materially, I believe, from that of any of her predecessors. Heretofore the practice-ships have had rather a large proportion of seamen, but as the junior class, in this case, was to be instructed, it was your desire that they should begin at the bottom of the ladder in their profession, and thoroughly acquire the duties of a foremast hand. With this view the comparatively small number of twenty-five seamen were placed on board; but these were the very best class of men-of-war's men that could be procured, nearly all being petty officers, and regarded less in the light of working hands than as sub-instructors. As the cooks, stewards, master-at-arms, &c., had to come out of this number, it was found to be rather limited, so that three or four hands were obtained from the *Constitution*, from which ship came also the usual number of servants.

The mess arrangements were also different from the usual ones—swinging tables were used, and the tin-pot and tin-pan took the place of crockery.

Sailors, as a general rule, much prefer to do, and always will do, a piece of work themselves rather than look on and direct a young officer; but by the arrangements here noticed this was, with rare exception, a physical impossibility,

the midshipmen being obliged by necessity to perform their various duties themselves, thus being forced to learn in spite of awkwardness or indifference; and the result shows your experiment to have been eminently successful.

In watching and quartering the crew, and assigning the several stations, the seamen were entirely ignored, and the midshipmen stationed in all respects as on board of a regular cruiser. Commencing with the quarter-deck, the most experienced were placed in charge of a watch and a division; a sailing-master was appointed to the care of the chronometer, log, anchors, holds, and rigging; acting ensigns did duty as mates of the fore-castle and berth-deck. There was a midshipman acting as a boatswain, one as a gunner, one as a carpenter, and one as a sailmaker. The silver calls in common use were given to midshipmen, boatswain's mates; midshipmen performed the duty of captains of the different parts of the ship, and midshipmen quartermaster were stationed at the lead and wheel. The routine commonly observed on board our cruisers was strictly observed.

When it is considered that most of the crew were but a few months from home, no one will be surprised to learn that the work was performed at first in a very clumsy manner; but the hearty good will with which they entered upon their duties, and the success which rewarded them, fully equalled the most sanguine expectations. In furling from a bowline, during the latter part of the summer, they picked up the canvas in the most creditable manner, and top-gallant and royal yards were sent up and down in the true man-of-war style; indeed, it was a novel and pleasant sight to watch the steady and confident swing of the lead of some of the more practiced, to observe their readiness at the wheel, and to hear the shrill and not inaccurate pipe of boatswain's mates not one year in the service!

It may be said that these little accomplishments are, after all, but unimportant items in the education of an officer, but I think this cannot be said with truth; success in every sphere in life is generally with those who have commenced at the very beginning and been familiarized with the ground-work of what is to be their business in life; and who will say that, because of iron and steam, the days of seamanship are over? Modified in minor points it may be, but so long as distant seas are to be navigated and a commerce to be protected, so long must seamanship, as understood in its broadest sense, be of prime value to the naval officer.

Having, then, so few seamen and a full crew of midshipmen, it became a matter of necessity that the latter should keep the ship clean, and I will do them the credit to say that they addressed themselves to this task with as much zest as they did to more congenial employment. They scrubbed the decks, polished the guns, and cleaned the bright work; boats were washed out, and the oars and gratings scrubbed by their crews of midshipmen.

The midshipmen top and chain keepers performed their usual morning watch duties, and the copper was scrubbed by two midshipmen from each part of the ship. This latter duty was not performed more than once or twice, but it served to show that there was nothing of the dilettante about these young seamen, and that they were not afraid of work.

In the more important duties the progress was more than fair—they learned to hand, reef, and steer, to heave the lead, to cross top-gallant and royal yards, reeve running rigging, and bend and unbend sails, besides getting a good idea of the ordinary evolutions, such as getting under way, tacking and wearing, box-hauling, &c. I speak now of the crew. The midshipmen officers who took the trumpet acquitted themselves very creditably in handling the ship; and here permit me to commend to your favor Midshipmen Cooper, Craven, Coghlan, and MacLay, of the first class, who, instead of availing themselves of the leave of absence granted by the department, volunteered for this ship, and were regularly installed as acting lieutenants. These gentlemen had been out in the Adams,

and proved quite competent to take charge of the deck, and very valuable in promoting the discipline and efficiency of the ship. It is quite unnecessary to note a single exception, with which you have already been made acquainted.

The junior class, or that portion of them who have made the most of their time, may now be considered qualified as ordinary seamen; next year they may be rated seamen, as it were; as second class men they might be distributed among the squadron of practice-ships as petty officers, and in their graduating year be put in charge of a watch and a division, and be required to discharge all the duties precisely as they will be called upon to do hereafter. Thus, if the policy so happily inaugurated be carried out, the academy will at all times have for its little squadron a full set of officers who have risen from before the mast, competent petty officers and well-drilled seamen, so that each fresh infusion of landsmen, as they are appointed to the several ships, will find all of the machinery of a man-of-war in successful operation; consequently their progress will be more rapid than when the crew is composed entirely of freshmen, as in the present case. And would it not be the most gratifying evidence of professional pride, and the nautical spirit of the midshipmen, were the appointment from the respective classes of a first lieutenant and a boatman for the several ships be considered the most complimentary recognition of their professional merits possible? Again: there can be little doubt but that, with such training, the *immediate value* to the service of the graduates will be much enhanced. Not the least important knowledge acquired by this system is that which will enable the young officer to estimate justly the capacity of those placed under him. Having battled with an obstinate sail himself, he will be patient with the quarter watch aloft, and his sympathies will be fully alive to the value of a dry deck to the watch below; in short, being familiar with the duties and habits of seamen, he is more apt to be unmindful of those little comforts which so materially contribute to the health, happiness, and discipline of a ship's company.

From the great success of your experiment, there is every reason to believe that it will materially add to the efficiency of this school were the system of practice-ships more fully developed; and I believe I would but express your own views were I to dwell upon the advantage of having at least three sloops-of-war, that the van, centre, and rear divisions of a fleet might be represented, in order to give practical instruction in fleet-sailing while other instruction is going on.

With the increased facilities at hand, the exercises on board ship need not now be confined to the summer months. Were the entire number of midshipmen at the academy divided into three ships' companies, and regularly watched and quartered as such, they might easily be placed on board their respective vessels for exercise on a certain day of each week throughout the fall and spring, if not the winter months, for which purpose this harbor and bay, the prevailing winds and the climate, offer unequalled facilities.

It is not improbable that it will be the future policy of our government to have the cruising vessels so constructed and rigged as to sail well and readily turn to windward, using steam simply as an auxiliary; therefore, our present practice-ships are of the utmost value in learning to handle a ship under canvas, but it would seem as well to have such vessels for the purpose of instruction as the graduate will be required to serve in on entering the active duties of his profession; and they would more fully serve the purpose were they rendered perfect models of naval discipline and efficiency—types of the modern man-of-war with a full battery, and the seamen employed the best the navy can supply.

Practice-ships of some kind will always be used, and of whatever description they may be will require repairs from time to time, and their rigging also require overhauling and refitting. It would be advantageous if this work could be done here, and, as much as possible, by the midshipmen themselves, assisted by the seamen belonging to the academy. To this end, it would be more economical

and convenient to have our own supply of spars and rigging and naval stores generally, that the ships might, as they should, remain permanently attached to the school. And it is easy to see how the wants of these ships will increase, and how, in the process of no very great time, stores, both naval and ordnance, will accumulate and become of themselves quite a department of this institution. Therefore—and I trust the observation will not be thought out of place—would it not be as well, in the selecting of a permanent site for the academy, to provide for such a contingency? I mean to say that, if not located near one of the government navy yards, then a navy yard of limited proportions might in future form part of this Naval Academy advantage great to its.

Swimming, under M. Bounafons, swordmaster, for the first time in the history of this academy, finds a place in the list of exercises. Its importance to a person destined for a life at sea, I presume, will not be questioned, and so far from being omitted, it is to be hoped it will hereafter receive more attention than it was found convenient to give it during the past summer.

Besides the watch-marks worn on the dress by this crew, it was designed to give to those acting as petty officers the badges worn in the service, but several practical difficulties prevented its being carried out. I beg leave to enclose herewith a list of the young gentlemen who, by their activity, attention to duty, and aptitude for the profession, are entitled to that flattering distinction.

Finally, I take pleasure in bearing witness to the general good conduct of the crew as a body, their subordination and respectful bearing, all of which I attribute, after their own innate sense of propriety, to the very wholesome discipline they had been subjected to by Lieutenant Commander Lull on board the Constitution.

I am, sir, your obedient servant,

S. B. LUCE,
Lieutenant Commander.

Commodore GEO. S. BLAKE, *Superintendent.*

D.

Scale of bids for enlarging the southwest executive building.

Name of parties.	Residence.	Price.	Deduct old material.	Time for covering.	Time for completion, and remarks.
1. J. W. Barker	Washington.....	\$16,644 00	\$550	20 work'g days.	40 days after. (If the old slate can be used instead of tin, deduct \$413.)
2. J. G. Naylor.....	do.....	18,457 75	100	60 days.....	January 1, 1863.
3. R. B. Owens.....	do.....	17,800 00	250	45..do.....	January 1, 1863.
4. J. M. Downing & Bro*	do.....	†14,241 00	.....	30..do.....	45 days.
5. S. O. & E. Wroe.....	do.....	18,300 00	3 per sq.	.....	No time stated.
6. W. P. Mohun.....	do.....	†18,923 00	.....	60..do.....	60 additional days.
7. T. W. L. Burch.....	do.....	17,378 00	200	40..do.....	5 months entire work completed.
8. Charles B. Church.....	do.....	†14,900 00	.....	55..do.....	45 days additional, (working days.)
9. C. C. Martin & Co.....	do.....	26,800 00	325	57..do.....	112 days, completed.
10. Clappitt & Robbins.....	do.....	16,970 00	70	40 work'g days.	40 days additional.
11. H. Wingate	Georgetown	†18,849 00	.....	36 days.....	6 weeks thereafter to complete.
12. M. Francis	Alexandria	25,975 00	340	60..do.....	120 days, completed.
13. W. J. Williams.....	Washington.....	†19,800 00	.....	35..do.....	40 days additional.
14. B. B. Beall & Co.....	do.....	26,350 00	300	55..do.....	110 days, completed.
15. W. H. Simms.....	Georgetown	16,716 77	.....	55 work'g days.	40 working days additional to finish. (The price named if the brick-work can be done on the inside, \$500 add ^d if outside.)
16. Solomon J. Fague.....	Washington	17,240 00	350	.....	75 working days, completed. 1st section of roof, 20 days; 2d, 18 days; and 3d, 16 days.
17. George H. Plant	do.....	15,490 00	300	50 days	40 days additional, complete.
18. Entwisle & Barron.....	do.....	14,746 00	310	60..do.....	Do.
19. Daniel Cram.....	Baltimore	13,950 00	100	.....	November 1, if necessary; October 1 completed.
20. C. B. Cluskey	Washington.....	27,300 00	500	.....	Informal.
21. H. D. Cooper.....	do.....	19,966 34	.....	October 1.....	December 1 completed.
22. W. A. Rutherford.....	do.....	15,600 00	500	30 work'g days.	October 1.
23. J. A. Blan	do.....	15,000 00	300	30 days	30 days additional to complete.
24. Ourtis & Dering.....	do.....	17,688 00	500	30..do.....	60 days additional to complete.
25. M. L. Merrill.....	do.....	†15,400 00	520	30 or 33 days.....	65 or 75 days after commencing.
26. J. G. Ellis.....	do.....	17,754 00	400	60	60 days additional, completed.

* Contractors.

† Including old materials.

Bids opened July 30, 1862, in our presence,

WILLIAM FAXON.
WILLIAM P. MORAN.
W. S. MCNAIRY.

NAVY DEPARTMENT.

No. 1.

Estimate of appropriations for the Navy Department for the fiscal year ending June 30, 1864.

Secretary of the Navy, per act of March 3, 1853, 10 laws, page 212, section 4.....	\$8,000 00
Assistant Secretary of the Navy, per act July 31, 1862, pamphlet form, section 1, page 282, first session.....	4,000 00
Chief clerk, per act of July 5, 1862, pamphlet form, section 3, page 511	2,200 00
One clerk of class four, per same act.....	1,800 00
One disbursing clerk, per same act.....	200 00
Five clerks of class three, per same act.....	8,000 00
Three clerks of class two, per same act.....	4,200 00
Four clerks of class one, per same act.....	4,800 00
One messenger.....	900 00
One assistant messenger.....	700 00
Two laborers, at \$600 each.	1,200 00
	36,000 00

For incidental and contingent expenses of the Navy Department.

Blank books, binding, stationery, labor, newspapers, periodicals, and miscellaneous items.....	\$2,840 00

For the general purposes of the southwest executive building.

One day watchman, per act July 5, 1862, pamphlet form, section 3, page 511.....	\$600 00
Two night watchmen, per same act, salary \$600 each.....	1,200 00
One laborer, per same act.....	600 00
One laborer, per same act.....	360 00
Contingent expenses, viz: labor, fuel, lights, and miscellaneous items.	5,000 00
	7,760 00

Estimate of appropriations required, under the head of contingent for the navy, for the fiscal year ending June 30, 1864..

Contingent for the navy	\$100,000 00

NAVAL ACADEMY,
Newport, Rhode Island, November 11, 1862.

SIR: I transmit herewith estimates for the Naval Academy for the fiscal year ending June 30, 1864.

I have the honor to be, sir, respectfully, your obedient servant,

G. S. BLAKE,
Superintendent.

Hon. GIDEON WELLES,
Secretary of the Navy, Washington City, D. C.

Estimate of the amount required for the pay of officers, and others, proposed for duty at the United States Naval Academy, for the fiscal year ending June 30, 1864, chargeable to the appropriation for "pay of the navy."

1 superintendent, (commodore).....	\$3, 200 00
1 commandant of midshipmen, (commandant).....	2, 240 00
11 assistants to the commandant of midshipmen, to aid in instructing in seamanship, naval tactics, naval gunnery, and for police duties, (4 lieutenant commanders and 7 lieutenants).....	18, 000 00
1 professor of astronomy.....	1, 800 00
1 assistant professor of astronomy, (lieutenant).....	1, 500 00
1 professor of mathematics.....	1, 800 00
2 assistant professors of mathematics, (professors).....	3, 600 00
5 assistant professors of mathematics, (civil).....	7, 000 00
1 professor of field artillery and infantry tactics.....	1, 800 00
1 professor of natural and experimental philosophy.....	1, 800 00
1 assistant professor of natural and experimental philosophy, (civil).....	1, 400 00
1 professor of ethics and English studies.....	1, 800 00
2 assistant professors of ethics and English studies, (civil).....	2, 800 00
5 assistant professors of ethics and English studies, (civil).....	7, 000 00
1 professor of the French language.....	1, 800 00
2 assistant professors of the French language, (civil).....	2, 800 00
1 professor of the Spanish language.....	1, 800 00
1 professor of drawing and draughting.....	1, 800 00
1 assistant professor of drawing and draughting, (civil).....	1, 400 00
1 swordmaster.....	1, 000 00
1 assistant librarian.....	960 00
1 surgeon.....	2, 800 00
1 chaplain.....	1, 500 00
1 secretary.....	1, 600 00
1 clerk to superintendent of Naval Academy.....	960 00
1 clerk to the superintendent.....	750 00
1 clerk to the commandant of midshipmen.....	750 00
1 assistant treasurer to audit midshipmen's accounts.....	840 00
1 commissary, to subsist midshipmen, &c.....	288 00
503 midshipmen as students, each \$500.....	251, 500 00
1 hospital steward.....	480 00
1 gunner's mate.....	372 00
1 quarter gunner.....	312 00
1 coxswain to attend to boats.....	288 00
1 cook for midshipmen's mess.....	216 00
2 seamen; one to assist gunners's mate, and the other to keep mechanics' time, and attend to police duties.....	576 00
1 ordinary seaman to attend at hospital.....	193 00
1 master of the band.....	312 00
8 musicians of the 1st class.....	2, 016 00
7 musicians of the 2d class.....	1, 512 00
1 drummer and 1 fifer, (musicians 1st class).....	504 00
Total.....	335, 069 00
Amount appropriated for the year ending 30th June, 1863...	212, 779 00
Excess.....	122, 290 00

Difference reconciled as follows:

Proposed increase.

203 additional midshipmen at \$500 each.....	\$101,500 00
6 additional assistants to commandant of midshipmen, over last estimate, (now allowed).....	9,175 00
5 additional assistant professors of mathematics over last estimate, (now allowed).....	3,800 00
5 additional assistant professors of ethics, &c., over last estimate, (now allowed).....	4,100 00
1 assistant librarian before allowed, but not included in this estimate.....	960 00
1 assistant professor of drawing, (now allowed).....	1,400 00
Increase to swordmaster, (now allowed,) authority of Bureau of Ordnance and Hydrography, 20th March, 1862.....	300 00
1 additional clerk to the superintendent, (now allowed,) authority of Navy Department, 23d September, 1862.....	750 00
1 clerk to the commandant of midshipmen, (now allowed,) but not included in this estimate.....	750 00
Increase to assistant treasurer.....	340 00
Increase to surgeon's pay, over amount estimated last year.....	600 00
Total.....	123,675 00
Deduct for less pay to superintendent.....	\$400 00
Deduct for less pay to commandant of midshipmen..	585 00
Deduct for less pay to assistant professor of astronomy	200 00
Deduct for less pay to chaplain.....	200 00
	1,385 00
Excess.....	122,290 00

Estimate for wages.

10 watchmen; one at \$1 62 per day and nine at \$1 37 per day..	\$5,110 05
1 messenger.....	312 00
3 attendants at recitation rooms, library, chapel, and offices, at \$18 per month.....	648 00
1 foreman to attend at steam-heating works, at \$2 50 per day..	912 50
3 attendants at steam-heating works, at \$1 50 per day.....	1,642 50
2 attendants at steam-heating works, at \$1 25 per day.....	912 50
1 mechanic at workshop, at \$1 75 per day.....	638 75
1 general laborer to keep public grounds in order.....	500 00
1 laborer to assist, at \$1 per day.....	365 00
10 laborers to keep in order and attend to midshipmen's quarters and public grounds.....	1,640 00
	12,681 30

Contingent expenses.

For materials for heating and lighting the academy.....	\$4,500 00
For the purchase of books for the library.....	2,000 00
For stationery, blank books, and forms.....	1,000 00
For furniture and fixtures for public buildings.....	2,000 00

For the publication of the Annual Register of the Naval Academy.	\$300 00
For incidental expenses and repairs in the astronomical and philosophical departments	400 00
For the current expenses and repairs, and for heating and lighting the school-ships Constitution and Santee.....	2,000 00
	12,200 00

Recapitulation.

Pay of the navy.....	\$335,069 00
Watchmen and others.	\$12,681 30
Contingent expenses	12,200 00
	24,881 30
	359,950 30

Respectfully submitted.

G. S. BLAKE, *Superintendent.*NAVAL ACADEMY, *November 11, 1862.*

NAVAL ACADEMY,

Newport, Rhode Island, November 12, 1862.

SIR: I beg to submit the following explanatory notes to the estimates which I forwarded by the mail of yesterday:

An increase of two hundred and seventy dollars (\$270) per annum is recommended for the writer to the commandant of midshipmen, and the designation of his office changed to that of clerk. His compensation, in my judgment, is too low. His duties are arduous and responsible, and cannot be intrusted to inexperienced persons.

It will be seen that eight hundred and forty dollars (\$840) per annum is estimated for the pay of an assistant treasurer, in lieu of a paymaster's clerk, heretofore allowed. The regulations of the academy, and a proper supervision of the midshipmen's accounts, require that they be made out monthly, and this, with the large increase of students, involves very great labor, both by day and by night. His duties are extremely arduous and responsible, and cannot be intrusted to persons of inexperience, or of ordinary intelligence and efficiency.

I therefore submit a small increase of three hundred and forty dollars (\$340) per annum.

An increase of twenty-five cents per day is asked for the three attendants to the steam-heating works for heating this building. They are honest, industrious, and faithful men, and have very laborious duty to perform. Two additional attendants, at one dollar and twenty-five cents per day, are asked for at the steam-heating works, for heating the school ships Constitution and Santee.

An additional sum of five hundred dollars (\$500) for the purchase of stationery, blank books, and forms, and an additional sum of one thousand dollars (\$1,000) for the current expenses and repairs of heating and lighting the school ships Constitution and Santee is also rendered indispensably necessary by the very large increase of the academy.

I have the honor to be, sir, respectfully, your obedient servant,

G. S. BLAKE,
Superintendent.

Hon. GIDEON WELLES,

Secretary of the Navy, Washington City, D. C.

Estimate of appropriations required, under the head of pay of the navy, for the fiscal year ending June 30, 1864, to pay officers on reserved list and unemployed, and those employed for whom no estimates are submitted by the bureaus.

Officers and midshipmen, Naval Academy.....	\$335, 069
Officers on light-house duty.....	31, 850
Officers on Coast Survey.....	21, 935
Officers on special service.....	75, 000
Officers on reserved list and unemployed.....	150, 000
	613, 854

Recapitulation of No. 1.

Naval Academy.....	\$24, 881
Salaries, Secretary's office.....	36, 000
Salaries, southwest executive building.....	2, 760
Contingent, (civil,) Secretary's office.....	2, 840
Contingent, (civil,) southwest executive building.....	5, 000
Pay of the navy.....	613, 854
Contingent for the navy.....	100, 000
	785, 335

No. 2.

REPORT OF THE CHIEF OF BUREAU OF YARDS AND DOCKS.

*Compendium of the annual report from the Bureau of Yards and Docks,
dated November 4, 1862.*

Introductory remarks.

Statements in reference to the purchase of 27,355 acres of ground on Seavey's island.

Hospital on Seavey's island.

Remarks in reference to the purchase of Oakman & Eldridge's property adjoining the Boston navy yard.

Increased number of watchmen at Mare island recommended.

Recommendation in reference to rate of pay to be allowed first clerks to commandants of navy yards.

Remarks in reference to wet-basins at navy yards.

Views in regard to the establishment of an additional navy yard.

Presents statement of the improvements and repair at each navy yard, naming the objects completed, and the amount expended thereon; what works have been in progress, with the aggregate expenditure upon the same; also the amount expended for contingent on account of yards and docks at each navy yard for the fiscal year ending June 30, 1862.

Submits estimates for objects of improvement and repair at navy yards for the fiscal year ending June 30, 1864, with detailed remarks as to the necessity of each object for which an appropriation is asked.

The same with reference to the naval hospital, magazine, and ordnance works at the different stations.

Remarks in regard to the naval asylum, stating the number of inmates and the expenditures for the same.

BUREAU OF YARDS AND DOCKS,
November 4, 1862.

SIR: I have the honor to submit my annual report of expenditures during the past fiscal year, with estimates for improvements and repairs and support of the military and civil establishments at the several yards for the next fiscal year, with reasons therefor.

Plans of buildings estimated for will be submitted to you for your approval at an early day, to be presented to Congress.

In regard to the purchase of 27,355 acres of ground on Seavey's island, adjacent to the Portsmouth navy yard, for which purchase \$14,500 were appropriated by act of July 14, 1862, I have to remark that no great progress has been made. Upon examination of the premises, I found that a public road had been established from the bridge connecting Seavey's island with the navy yard, across the whole island. It has been suggested that the appropriation was intended to purchase the land and appurtenances owned by certain parties; but the law is not so expressed. The boundary line of the premises suggested as intended to be purchased with the appropriation is very irregular, and does not embrace such a plot of ground as would afford the best accommodations for naval and hospital purposes.

The road above referred to runs through these premises, and it would not be wise, in my opinion, to expend the money appropriated for the purchase of 27,355 acres of ground on this island, while this public easement remains, and is occupied as such; besides, the title required by law to be obtained cannot be acquired until the assent of the State, by grant of jurisdiction, shall be secured, and the legislature of the State of Maine does not assemble, I am informed, until next January; so that the money could not be paid in any event till after Congress assembles, and therefore I advise that the subject be submitted to it for further action.

The authority embodied in the provision of the act appropriating the aforesaid funds, that the chief of the Bureau of Yards and Docks be authorized to purchase that portion of Seavey's island lying west of the road, has not been exercised by said chief, for the reason that some of the proprietors of property on the west side of the road also own land on the east side of it, and decline to sell one portion without the whole; so that no action has been taken under the authority aforesaid except to obtain the terms, as far as practicable, of the proprietors of property on the west side of the road. I have had a plan of the island prepared, showing the boundary lines of each lot, the contents of each, and the price asked by each proprietor for his interest; also a dotted line embracing 27,355 acres of ground, which, in my opinion, would best accommodate the service, if the quantity of ground be confined to that amount. I would respectfully remark that the bridge connecting Seavey's island with the navy yard was built by a company called "Seavey's Island Bridge Company," under the authority of Congress, (see navy appropriation bill, approved March 3, 1855,) and, with the authority to construct this bridge, a right of way through the navy yard was granted to the company.

Under this authority the bridge and road, as well as the free use of the long bridge built and supported by the government, crossing the water between Kittery and the navy yard, have been enjoyed by the said company. Granting these privileges, of course, enhanced the value of property on Seavey's island, and consequently improvements were made on it. It is true, that under the act of Congress the use of the bridge and road as granted may be discontinued by the Secretary of the Navy; and although it was not wise, in my opinion, for Congress to grant these privileges, yet, as it was its pleasure to do so, the Secretary of the Navy will not discontinue them unless some more urgent reasons than have yet occurred compel him to exercise the authority thus vested in him. This right of way through the yard causes some inconvenience, as it is necessary to keep a watch over the road and bridge, and sometimes to call up the commanding officer at night to grant passes.

The appropriation granted for the hospital on Seavey's island cannot be expended until the purchase of ground be made and jurisdiction be obtained from the legislature of Maine over the premises.

I have to remark that the purchase of the Oakman & Eldridge property, adjoining the navy yard at Boston, under the appropriation at the last session of Congress, is about being consummated.

At the navy yard, Mare island, I have estimated for nine watchmen, at \$900 per annum, instead of six the present year at \$1,200.

I respectfully recommend that the pay of 1st clerks or secretaries to commandants of navy yards be made equal to that of 2d-class clerks in the several departments at Washington. The duties of these officers are onerous, and the proper and efficient execution of them requires full as much talent and capacity as those of 2d-class clerks in the departments.

I ask leave to present again, as I have done before, for the consideration of Congress, the importance of constructing wet-basins at such of the navy yards as are sufficiently capacious to admit of it. The reasons for such improvements will be found in my previous reports. Such a basin could, in my opinion, be advantageously provided at the navy yard at New York on the grounds or flats in which the cob-dock is constructed. By excavating a wet-basin on this ground, with gates to retain the water at low tide, accommodations would be provided for vessels in ordinary, where they would lie in perfect safety, undisturbed by the winds, tides, and currents, and out of the way of the numerous vessels passing the channel. In addition to these advantages, the berths now occupied by these vessels at the yard, and so much needed for other purposes, would be available for vessels refitting for active service. The earth excavated from these flats could be deposited on the opposite side of the Wallabout channel, and would contribute largely towards filling up the low grounds which are now

required as sites for the large numbers of additional buildings which are yet to be erected for this extensive and important yard. Our dock-yards are circumscribed in area, and very limited in comparison with those of other nations possessing navies, and do not afford sufficient space for the establishment of a navy yard complete in all its appointments. That at New York is the most extensive of any in the northern States, and to supply sites for all the buildings which that important yard has required, the upland portion of it has already been crowded with buildings and structures of various kinds, so that further extension of such improvements must be placed upon the alluvial grounds. To render these grounds suitable and available for building purposes, it is indispensable that there should be a substantial and permanent quay wall constructed along the Wallabout, to retain the filling necessary to raise them to a sufficient height above high water. This important work has been commenced, but its progress was arrested by the failure of Congress to provide the means for its continuation. Serious embarrassments and great inconvenience have been caused by the suspension of this work, and it is earnestly desired that the amount which I have embraced in the estimates for this yard, to be applied to this object, will be appropriated, so that the work may be prosecuted as vigorously as the urgent necessities of the case require.

An important subject—the establishment of an extensive navy yard and depot—seems to have attracted the attention of Congress at the latter part of the last session, and is worthy of deliberate and careful consideration. In the selection of the location of such an establishment as seems to have been contemplated, its proximity or remoteness from the coast, its approaches by water and land, its advantages of defence, depth of water near the site, liability to be obstructed or encumbered by ice, quality of water, whether fresh or salt, and its effects upon the bottom of iron vessels in harbor or when laid up in ordinary, facilities for obtaining workmen, materials and supplies of all kinds, especially iron and coal, adaptation of the soil to the construction of stone dry-docks and other heavy structures, sufficient area for the erection of all the various buildings and mechanical works required in the construction of ships of iron and wood, with ample space for wet-basins for laying up vessels in ordinary and dry-docks for their repairs, with abundant dock and wharf accommodations for equipping ships, and the reputation of the vicinity for health, are all matters which merit very careful and deliberate investigation.

In my opinion, dock-yards should be located at or near the principal cities, where workmen and materials and stores of all kinds can be readily obtained.

The problem whether vessels-of-war should be built entirely of iron, or of wood with iron plating, has not yet been solved. Numerous experiments have been made and are still making, both by our own and foreign governments, but thus far no results have been obtained which are sufficiently decisive to induce any power to adopt exclusively either mode of construction. In either case, however, in future, iron must be more extensively used in the construction of our ships than heretofore, and consequently it becomes necessary that the most ample means for the preparation of heavy iron-work should be provided either at some new establishment or at some of the dock-yards now in existence. If it be intended by the department, as intimated in your reports to the committee of Congress, of dates March 25 and June 9, 1862, to prepare a navy yard for the construction and repairs of iron vessels alone, then the buildings, machinery, and appointments would be limited to the requirements for such work; and as the extent to which iron will supersede wood in the construction of vessels-of-war is yet a problem to be solved, the buildings of such a yard, exclusively for iron-work, might be of wood, as in some of our best private establishments, and consequently of a less costly and permanent character than for a complete dock-yard, equipped for all purposes. If it should be decided not to establish another dock-yard, then New York is the only yard affording sufficient space to erect the works necessary for such an establishment as seems to be contemplated. At

this yard there are already many facilities for the rapid execution of work, but to provide the means for extensive operations in iron, large appropriations will still be required.

It was formerly thought good policy to establish navy yards near the coast, where access was easy and economical. Recent events, however, seem to have excited some doubts as to the practicability of constructing batteries on shore of sufficient power to prevent the passage of iron-cased vessels into our harbors. If these doubts are well-founded, then prudence would dictate the location of navy yards at points more remote from the sea, or the immediate construction of powerful floating batteries and steam-rams, armed with the approved ordnance, capable of resisting the attacks of the most heavily armed ships; and these should be provided for all our principal harbors, where large commercial cities are located.

PORTSMOUTH, N. H.

None of the works of improvement which have been authorized at this yard were completed during the past fiscal year. Those which have been in progress and are yet incomplete are the floating dry-dock, and repairs of all kinds; and upon these objects there has been expended during the year, for materials \$6,651 89, and for labor \$14,965 46, making an aggregate of \$21,617 35.

The floating dock has been kept in working order; but, from the perishable nature of the material of which it is constructed, frequent repairs and constant watchfulness and care are necessary for its preservation.

There has been expended during the fiscal year, for objects coming under the head of contingent, the sum of \$88,270 25.

Plans and estimates are submitted for the fiscal year ending June 30, 1864, for the following objects, viz: For boat-house and carpenters' shop, paint-shop, Bishop's derrick, rail-tracks through the yard, knee-dock wall, repairs of floating dock, and for repairs of all kinds, amounting in the aggregate to the sum of \$132,362.

Boat-house and carpenters' shop.—The extension of the machine-shop and smithery, authorized at the late session of Congress, rendered the removal of the old frame building formerly occupied as a boat-house, carpenters' shop, and paint-shop, unavoidable; and hence it now becomes necessary to provide other accommodations for the workmen engaged in these branches. It is proposed to erect good, permanent, and convenient shops, at another point in the yard, where they will be in more immediate and convenient connexion with other similar workshops.

Paint-shop.—This shop was formerly located in the old wooden building recently removed, and the workmen now have no suitable accommodations for the storage of materials, or for executing such work as can be done in shops. It is deemed most prudent to place this department in a building separated from the others, and therefore it is proposed to erect a building of brick in an isolated position, and of dimensions adequate to the business of the department.

Bishop's derrick.—The masting sheers at this yard have been in use many years, and are much decayed. They are regarded as unsafe for raising very heavy weights, and an accident to them, while raising a heavy mast or boiler, might be attended with most serious damage to the vessel under them. It is therefore considered indispensably necessary that means should be provided for executing such heavy work with safety; and the machine known as Bishop's derrick being regarded as the most convenient, safe, and efficient, an estimate is submitted for the purchase of one of sufficient strength and capacity to meet all the requirements of the yard.

Rail-tracks.—It is proposed, as a matter of economy, to lay tracks from the storehouses and principal workshops to the wharves, for the more expeditious, and consequently cheaper, transportation of stores and heavy articles. It is believed

that by the introduction of rail-tracks the saving in cost of transportation of heavy articles from one part of the yard to another will, in a short time, compensate for the outlay for the rail-tracks.

Knee-dock wall.—This wall has long been in a falling condition, and by the construction of the new shops the knee-dock will be reduced in area; and it is proposed to remove the old wall, extend the knee-dock to its former dimensions, and build a permanent, strong wall, connecting the foundery with the ordnance storehouse. This object is of primary importance, and is necessary for the security of the materials in the dock, as a portion of the wall must necessarily be removed to erect the new shops authorized by the last Congress.

Repairs of floating dock.—This structure, being of wood, requires constant care and frequent repairs. It is therefore necessary that an annual appropriation should be made for this object, that the dock may always be kept in readiness for use, when required for the public vessels.

Repairs of all kinds.—The estimates submitted for repairs on existing improvements are based on the expenditures of past years. The appropriations for the last three years have been so limited that, with the strictest economy, many important repairs have unavoidably been deferred. The painting and repairs of all the yard buildings and quarters, when required; repairs and cleaning of sewers and drains; proper security and safety of bridges, landings, and platforms, docks, reservoirs, and cisterns; and the other objects which require constant care and attention, are provided for in these estimates, and the sum asked for will be no more than adequate for the purpose.

BOSTON.

The works of improvement which have been completed at this yard during the past fiscal year are: bobbins and other machinery for the ropewalk, floating gate piers at entrance of dry-dock, boiler-shop, brass foundery, machine-shop, machinery and foundery, and drain from main entrance. On these several objects there has been expended during the year, for materials \$2,409 82, and for labor \$2,967 57, making an aggregate of \$5,377 39.

The works which have been in progress during the past year, but which are not yet completed, are machinery for machine-shop, completing machine-shop, painting buildings, coal-shed wharf, masting sheers, and repairs of all kinds. On these objects there has been expended during the year the sum of \$88,429 19.

Under the head of "machinery for machine-shop," a large quantity of machinery has been built in the yard, or purchased, and put in successful operation. Two steam-hammers have been purchased, and are now in process of erection. Under the head of "completing machine-shop," the work is nearly finished, nothing remaining to be done but the doors, all of which are in progress, and will be completed this fall. With the appropriation for "painting buildings," the storehouses and shops, and one of the ship-houses, have been thoroughly painted. The work under this head is completed, and would have been so reported but for the delay in sending in a part of the bills for materials, in consequence of which the accounts cannot yet be closed.

The work upon the coal-shed wharf is in a good state of progress, and will probably be completed this year.

The masting sheers are substantially completed, the work now remaining to be done being the raising and securing the iron backstays.

The amount expended under the head of contingent during the past fiscal year is \$230,520 46.

Plans and estimates are submitted for the fiscal year ending June 30, 1864, for the following objects, viz: For repaving around dry-dock and relaying surface drains; for joiners' shop and painters' loft; for extension of sheer wharf

for additional expenses on house for heavy forging hammer; and for repairs of all kinds, amounting in the aggregate to the sum of \$278,566.

Repaving around dry-dock and relaying surface drains.—The area around the dry-dock is more constantly used than any other equal portion of the yard. There is an immense amount of heavy hauling over this space, and the pavement, which is of cobble stone, is much cut up, and has settled in places where it was laid upon the new filling around the dock. The surface drains have become injured from the same causes. The whole work is in a bad condition, and requires a complete and thorough renewal. It is proposed to adopt the block pavement instead of the cobble stone, and relay the drains in a more permanent manner.

Joiners' shop and painters' loft.—The building now occupied by the joiners is not well adapted to the work of that department. Since its construction machinery has been introduced for many kinds of work at that time done by hand labor, which was not contemplated either in the arrangement or construction of the building. It is, however, well located and adapted, and much needed for the rigger's work, which can hardly be said to be provided for at all, being confined to the roof of this building which at times is overloaded to an extent that endangers the stability of the whole structure. It is therefore proposed to erect a new building for the joiners' department, to be arranged to accommodate all the various machines now used in the manufacture of joiners' work, to appropriate the space in the roof for the painters, and to convert the present joiners' shop into a rigging-loft and storerooms.

Extension of sheer wharf.—Nothing is more needed at this station than an extension both of the fronts and area of this wharf, which is the only point in the yard at which a large vessel can be conveniently fitted for sea. The addition will give a front of three hundred feet for large vessels and a slip sufficient to admit two small ones, and will be a great and important acquisition, adding much to the convenience and efficiency of the yard.

Additional expenses on house for heavy forging hammer.—Towards the close of the last session of Congress an estimate was submitted for the erection of a steam-hammer at this yard. That estimate was based upon the cost of similar but smaller works at another yard, there being no time to prepare the plans in detail or to ascertain the actual cost. Since that time, particular examinations of the various kinds of steam-hammers now in use and minute investigations of details have been made, and it is ascertained that the amount appropriated at the last session is not sufficient to erect a steam-hammer and building, with furnaces, cranes, &c., in that thorough and substantial manner, or of the magnitude, which the good of the service demands. It therefore becomes necessary to ask for an additional sum for this object.

Repairs of all kinds.—The amount asked for under this head is for rebuilding a portion of the boundary wall on Chelsea street; for repairing roads and walks, carpenters' shop, and storehouses, offices, officers' houses, including water fixtures, drainage of the yard, wharves, docks, and such other objects as may require it. It is believed that the sum named will be required for the proper protection and preservation of the public property.

NEW YORK.

The works of improvement which have been completed at this yard during the past fiscal year are sewer on Flushing avenue, water pipes and hydrants, machine-shop floor, and railroad in new store. The amount expended on these objects for materials and labor during the year is \$57,388 24.

The works which have been in progress, but which are not completed, are boilers and machinery, hoisting apparatus in storehouse, dredging channels, repairs of dry-dock, floor of mould-loft, bilge-blocks for dry-dock, and repairs of

all kinds; and on these objects there has been expended during the year the sum of \$99,246. The works have all progressed rapidly and in a very satisfactory manner under the supervision of the present able constructing engineer.

The amount expended during the fiscal year under the head of contingent is \$163,182 64.

Plans and estimates are submitted for the fiscal year ending June 30, 1864, for the following objects viz: for continuation of quay wall, new foundery, drains, paving and flagging, water-pipes and hydrants, filling low places, repairs of dry-dock, chain-cable shop, railways, officers' houses, bakery and machinery, machinery for machine-shop, foundery, boiler-shop and pattern-shop, large chuck-lathe for turning large rings for turrets on gun batteries, and for repairs of all kinds, amounting in the aggregate to \$463,003.

Continuation of quay wall.—This important work has been suspended for some time past, in consequence of a want of means to carry it on. The great necessity for its steady progress and early completion has been frequently urged, and the suspension of the work has caused much inconvenience and additional expense. The old wharf front is in a very dilapidated condition, and it is earnestly desired that the appropriation now asked for will be granted.

New foundery.—Notwithstanding the various means which have been resorted to to increase the capacity of the foundery, it is far from being able to meet all the demands of the service, especially at this time, when so much is required. The smithery, too, has proved insufficient to accommodate the number of workmen required, and it is proposed to erect a new foundery, of enlarged dimensions, and convert the present building into an additional smithery. By this arrangement the capacity of both departments will be materially increased, the temporary structures may be dispensed with, and the work of the two departments performed in a more expeditious and satisfactory manner.

Drains, paving, and flagging.—A large portion of the surface of this yard is at a small elevation above high water, and is nearly level. During the winter months much inconvenience is experienced from the difficulty of drainage, and it is necessary to adopt a system of large drains and reservoirs, that the water may be taken from the surface as rapidly as possible. Good roads are much needed to facilitate the hauling of heavy materials over parts of the yard which are in constant use. The amount asked for this object is much needed to promote the economical execution of work in this part of the yard.

Water-pipes and hydrants.—Much benefit has been derived from the water-pipes and hydrants which have already been provided, but some portions of the yard are not yet supplied with water, and it is proposed to extend these pipes and procure an additional number of hydrants, which will add greatly to the comfort of those employed in the yard, and increase the means for protecting the public property against fire.

Filling low places.—A large space, upon what is called the Griffin purchase, has been filled in to within about two feet of grade, and it is very desirable that this space should be filled up to the proper grade with loam and gravel, to prepare it for building purposes. This part of the yard, when filled and graded, will add several acres to the area, and will be extremely useful for storage as well as for sites for buildings. The working part of the yard is small, and becoming less by the erection of every new building; and the filling and grading of this ground, therefore, becomes of serious importance, and is urgently recommended.

Repairs of dry-dock.—An appropriation is needed for painting the gates and caisson, stopping leaks at the head of the dock, and for occasional repairs. The arris of many of the stones has been damaged by the hurried operations about the dock, especially since April, 1861, and a small sum is needed to repair it and place the work in a state less liable to injury.

Chain-cable shop.—If the new foundery now proposed is authorized, part of

the present foundry building can be used for a chain-cable shop, for which there would be sufficient room. The change required would be comparatively small, consisting of new forges, shears, small cranes, a testing machine, &c.; and as large quantities of the chain cables manufactured for the navy are placed on board ships at this yard, it is believed to be economical to manufacture them here and thus save large amounts now expended for the freight and transportation of these heavy articles.

Railways.—The railway from the provision store should be extended to the wharf between the ship-houses and on the southeast side of the long dock. A track from the foundry to the machine-shop, wherever located, would much facilitate the moving of heavy castings, &c., and it is evident that by an appropriation for this object great economy and despatch of business would be effected.

Officers' houses.—An estimate is submitted for the erection of three houses for officers: for the master, the chief engineer, and naval constructor. The constant presence of these officers is very desirable, their services are frequently required at night, and it is important that they should be at all times within easy reach of the commandant, so that their services may be available at any moment.

Bakery and machinery.—It is proposed to erect at this station a bakery of sufficient size to bake one hundred and twenty barrels of flour per diem, and for this purpose plans and estimates are submitted.

Machinery for machine-shop, foundry, boiler and pattern shops.—These shops are all supplied with a large amount of machinery of various kinds; other machines are, however, necessary to render the shops competent to meet the heavy demands which are now daily made upon them. The object is an important one, and an appropriation for it is strongly urged.

Large chuck-lathe for turning large rings for turrets on gun batteries.—The recent introduction of these turrets into the service has rendered it necessary to provide powerful machinery to facilitate their manufacture. Private establishments are not provided with the proper appliances, and as the government only requires such work, it is not to be expected that individuals will incur the expense of fitting their shops for such work; consequently the government must either pay the additional cost of manufacture, with insufficient machinery, or provide the necessary tools at some of the yards for executing the work in a more economical manner. The latter is believed to be the most judicious course, and therefore an estimate is submitted for a portion of the machinery deemed of first importance.

Repairs of all kinds.—The estimate submitted under this head is for the annual repairs of the various workshops, timber-sheds, ship-houses, storehouses, officers' quarters, docks, wharves, roads, fences and walls, tanks, cisterns, drains, and other improvements, and is necessary to keep these works in a proper condition.

PHILADELPHIA.

No works of improvement have been in progress at this yard during the past year except such as are continuous. They are dredging, dry-dock, and repairs of all kinds, and upon these there has been expended the sum of \$51,919 57.

A small amount of dredging has been done. The floating dry-dock has been in constant employment during the year, and upon it a large number of vessels have been repaired. The necessary repairs have been put upon the various buildings, docks, wharves, and other improvements, which are now in a good state of preservation.

The amount expended during the fiscal year under the head of contingent is \$60,495 36.

Estimates are submitted for the fiscal year ending June 30, 1864, for the following objects, viz: For floating dry-dock, dredging, repairs of all kinds, and for the purchase of two lots adjoining the navy yard, extending from Front street to the commissioner's line on the Delaware river, upon condition that a more extensive navy yard shall not be provided for at another location, amounting, in the aggregate, to the sum of \$230,458.

Floating dry-dock.—This structure, being principally of wood, requires constant watchfulness and care, and frequent repairs. The present exigencies of the service are such as to render it highly important that the dock should always be kept in readiness for use; and its services could not be dispensed with without serious detriment to the public interests. In the estimate for this object an amount is inserted for an additional number of iron floats to replace those of wood, which are rapidly becoming unfit for use.

Dredging.—This is an annual expense which is unavoidable. It is necessary to maintain a sufficient depth of water for working the floating dock, and accommodating the large number of vessels which now visit the yard.

Repairs of all kinds.—The estimate submitted under this head will be found such as is necessary for the proper protection and preservation of the various buildings, docks, wharves, and other improvements in the yard.

Purchase of two lots adjoining the yard.—The very limited area of this yard has been the cause of great loss and inconvenience during the past year, when the amount of work to be performed has vastly exceeded that required at any former period. The bureau has often urged the purchase of additional land on the south side of the yard, and it is believed that land can still be obtained in that direction at reasonable rates, and in such quantity as to render the yard vastly more efficient and valuable than it now is with its present limited area. Should the site at League island be adopted for a navy yard, it must be several years before the buildings and other improvements necessary to render that place available for naval purposes can be erected; and as the government could not abandon the present yard before another was prepared for use, it follows that the present establishment must be maintained at least for several years to come. In the event of a determination on the part of the government to occupy League island as a navy yard, it would undoubtedly be a measure of economy to lease some of the lands adjoining the present yard while the site at League island is being rendered available for naval purposes.

WASHINGTON.

No work of improvement has been completed at this yard during the past fiscal year. The works which have been in progress are dredging channels, wall west side of yard, and repairs of all kinds; and on these objects there has been expended, for materials \$28,011 77, and for labor \$34,148 58, making an aggregate of \$62,160 35.

The amount expended during the fiscal year under the head of contingent is \$167,229 63.

Plans and estimates are submitted for the fiscal year ending June 30, 1864, for the following objects, viz: Bishop's derrick, depot for coal for steamers, machinery and tools, and for repairs of all kinds, amounting, in the aggregate, to the sum of \$131,871.

Bishop's derrick.—The masting sheers at this yard have been in use many years, and are defective; and it is very necessary that some convenient and reliable structure should be provided for masting vessels, handling boilers, guns, and other heavy articles. The derrick known as Bishop's patent has been introduced into some of the yards and found to answer an admirable purpose, and to be much more convenient than the old style of masting sheers. An estimate is submitted for one of these derricks as the best machine for accomplishing the desired objects.

Depot for coal for steamers.—No proper place has been provided for the stowage of coal for steamers' use, and as it is piled about the yard at various points, there is a heavy expense incurred for cartage and piling, besides much loss of coal. It is proposed to occupy one of the slips, now seldom used for any purposes except for boats, and prepare it with a good floor and wall around the sides, so that coal may be received from the vessels and landed at this point without the expense of cartage or piling. It may also be delivered to steamers direct from the pile, and thus a large item of the present cost will be saved.

Machinery and tools.—To supply the different shops with the tools necessary to place them in a full state of efficiency, a further appropriation is needed under this head. The lists of machinery have been furnished by the master workmen, who state that it is absolutely necessary to enable them to execute the numerous orders upon their shops with that degree of promptness which the public interests require.

Repairs of all kinds—The amount asked for under this head will be required to meet the demands upon it for the necessary repairs of the officers' quarters, ship-houses, timber-sheds, workshops, storehouses, furnaces, forges, gas and water pipes, roads, bridges, walls and fences, marine railway, wharves, and other improvements.

MARE ISLAND.

The works of improvement which are reported as having been completed at this yard during the past fiscal year are the gas-works and coopers' shop. The amount expended during the year is, for materials \$3,496 10, and for labor \$6,495 04, making an aggregate of \$9,991 14.

The works which have been in progress, but which are not yet completed, are foundery establishments, &c., Bishop's derrick, repairs of sectional dock, smithery, and repairs of all kinds. The amount expended on these objects during the past year is \$181,818 69.

The amount expended under the head of contingent during the year is \$98,090 68.

Plans and estimates are submitted for the fiscal year ending June 30, 1864, for the following objects, viz: Completing officers' houses, grading and paving, foundery, machine-shop and equipment, completing Bishop's derrick, repairs of sectional dock, fitting up boiler-shop in smithery, portable engines with machinery for hoisting for yard purposes, cistern and gas-holder for gas-works, saw-mill, commencing stables, commencing coal-house and wharf, commencing sea-wall on west side of island, and for repairs of all kinds, amounting in the aggregate to the sum of \$366,363.

Completing officers' houses.—These houses, four in number, are well advanced towards completion, and they are much needed to supply the wants of officers attached to the yard, who are subjected to great inconvenience and expense from the want of proper habitations for themselves and families. The work upon the buildings has been suspended during the past year in consequence of the exhaustion of the appropriation for their completion; the works suffer by remaining in an unfinished state, and it is very desirable that the amount now estimated for their completion should be appropriated. At the last session of Congress an estimate of \$53,933 was submitted for the completion of these buildings; this amount was made up as follows: for liquidating excess of expenditure over the appropriations, \$19,028 42; for completing Nos. 7 and 9, \$14,904; for completing Nos. 11 and 13, \$20,000. Towards this object an appropriation of \$20,000 was made, with the proviso "that no expenditure for completing officers' houses shall be incurred until complete plans and specifications, with estimates of cost in detail, shall be furnished to and approved by the Secretary of the Navy; and the work shall be done by contract after due and public advertisement for proposals; but no portion of this appropriation shall

be expended unless the work can be completed for the sum hereby appropriated." It will be seen that if the amount which has actually been expended over and above the amount formerly appropriated be deducted from this appropriation of \$20,000, there will remain for the completion of the buildings only \$971 58, an amount utterly inadequate for the completion of any one of the four houses. This excess of expenditure over the amount appropriated arose from the fact that when the appropriation was exhausted the buildings were in such condition that if the work had been suspended and the houses, in their unfinished state, left exposed to the effects of the rainy season, all that had been done would have been very materially damaged; and it was deemed that a proper regard for the interests of the government required that the work should progress, and under these circumstances an amount sufficient to cover them in from the weather was borrowed from other appropriations. The amount now asked for (\$34,000) it is believed will complete the buildings, and in view of the great injury that they sustain by remaining in an unfinished state, as well as the necessity which exists for their early completion, it is strongly urged that the amount now submitted be appropriated; and as the plans of these buildings have already been submitted to and approved by the Secretary of the Navy, and as to prepare plans and specifications showing clearly what the houses require to render them complete would be exceedingly difficult, it is further urged that for these considerations the restriction upon the last appropriation be removed.

Grading and paving.—Nothing has been done under this head during the last two years. An appropriation of \$15,000 has been made and is now available, but it is necessary that this work should be continued for making suitable roads, preparing the sites for new buildings, and filling up low grounds and wharves, especially in the vicinity of the foundery, where there is a very urgent necessity for these improvements. An estimate is therefore submitted for the continuation of the work.

Foundery, machine-shop, and equipment.—The work upon this object has been as vigorously prosecuted, during the past fiscal year, as its nature and the funds available for it would allow, and very satisfactory progress has been made. It is hoped that the amount now estimated for its completion will be appropriated, that the establishment may be speedily brought into successful and profitable operation.

Completion of Bishop's derrick.—This machine has been completed, and is in use; a small part of the amount asked for is for painting and purchase blocks, and the balance to liquidate an excess of expenditure over the original appropriation. This excess arose from the fact that the original estimate was entirely insufficient to complete the work, and the pressing wants of the service were such as to render it absolutely necessary that the derrick should be completed. Vessels were constantly arriving at the yard requiring the aid of some apparatus of the kind in taking out masts, boilers, and other heavy articles, for which no means had been provided, and the public interests were suffering on this account. It was therefore deemed an unavoidable necessity that funds should be borrowed from other objects to complete this highly important and indispensable machine.

Repairs of sectional dock.—Very extensive repairs have recently been made upon a portion of this dock, and a sufficient number of sections for working are now in good order. There are other sections, however, which require repairs; and as the whole structure is of a perishable character, requiring constant care and attention, and frequent repairs, it is absolutely necessary that these spare sections should be put in good order, so as to replace any of the others which may fail or require repairs. To this end an estimate is submitted, and it may be expected that some appropriation for this object will be required annually,

otherwise the whole structure must go to destruction, and the government be deprived of the means of repairing the bottoms of vessels at this yard.

Fitting up boiler-shop in smithery.—The building designed for the boiler-shop is in progress, but as some considerable time must elapse before it can be completed and brought into successful operation, and as the wants of the service imperatively demand that some provision should be made for a temporary shop for the accommodation of the boiler-makers, it is proposed to appropriate and fit up a portion of the smithery for this purpose. A small amount will be required for this object, and an estimate is submitted, that the requirements of the service may be met in this particular.

Portable engines with machinery for hoisting for yard purposes.—The use of these labor-saving machines has become almost universal in all establishments where their service can be made available, and there is no yard where machinery of this kind can be used to greater advantage than at Mare island, where labor is very high. The cost of the machines will undoubtedly be compensated for in a short time by the amount saved in the cost of labor. This object is considered very important, and the appropriation is strongly urged.

Cistern and gas-holder for gas-works.—These works have been completed, and are in successful operation; the gas is now used to such an extent that it is evident the capacity of the holder will not be sufficient to meet the demands for a more extended consumption. The cistern, or tank, in which the gas-holder is placed, is of wood, and now shows evidence of decay, and it is proposed to construct a larger gas-holder and a cistern of more permanent character. The amount asked for this object is small in comparison with its importance, and it is hoped that an appropriation will be granted.

Saw-mill.—One of the most important and profitable establishments in a navy yard, and especially at Mare island, where the cost of labor is more than double that at the yards on the Atlantic, is a well-arranged saw-mill, provided with planing, tongue and grooving, tenoning, morticing, and the various other labor-saving machines, which are now in such universal use throughout the country. It is proposed to erect a building for this purpose, having in view accommodations for most of the numerous machines which can be brought into profitable employment in the preparation of timber and lumber to be used in the construction of ships or buildings upon the yard. As this object is considered one of very great importance, an appropriation for it is strongly desired.

Commencing stables.—A good, substantial and permanent stable, for the proper protection of the public animals, is much needed; the present stables are of a temporary character, and will soon require extensive repairs, and it is deemed more economical to erect a good permanent building than to expend large amounts at frequent intervals upon these temporary structures. An estimate for the object is therefore submitted.

Commencing coal-house and wharf.—The necessity of an establishment of this kind is most apparent, viewed from the consideration that large supplies of coal are required to be shipped to the yard and kept on hand for the use of the public ships on this station. For the storage of this coal it is proposed to locate a coal-house upon a pier, arranged with suitable berths to accommodate several ships at once, and the building furnished with railways, after the usual fashion of such works, for the transportation of the material when discharged from the vessels, and for its issue to government steamers. An estimate is submitted for the commencement of this work, which is deemed of much importance.

Commencing sea-wall on west side of island.—The observations made during the occupation of this island have demonstrated the regular abrasion of its western shore, both from the action of the rains and the wash of the bay, so that a very marked difference in the outline of the shore and the area of territory has been made apparent within a few years, steadily decreasing the amount of the latter left above high-water mark. In order to prevent too serious effects from

this gradual wasting of the island, it is proposed to begin upon the work of its protection by erecting a low wall at the exposed points, which need not be other than a cheap structure, for which, possibly, the island itself may furnish abundant materials. An estimate is submitted for the commencement of this work.

Repairs of all kinds.—The amount estimated under this head is such as will be required for the annual repairs and care of the various buildings, docks, wharves, and other improvements.

SACKETT'S HARBOR.

The only expenditures at this yard during the past year have been for the annual repairs of the buildings, wharves, and fences; and upon these objects there has been expended during the fiscal year the sum of \$1,000.

Estimates are submitted for the fiscal year ending June 30, 1864, for the necessary repairs and protection of the public property, amounting to the sum of \$1,500.

NORFOLK.

Since the date of the last annual report from this bureau, possession of the navy yard at this place has been regained by the government. The yard, however, is in a state of ruin, most of the buildings having been destroyed by fire and serious attempts made to effect the destruction of the dry-dock. It is believed that the injury sustained by this work is such as can be readily repaired at some future day when the condition of the country may be such as to warrant the expenditure and the wants of the service require it. An officer has been placed in command of the yard, and charged with the duty of collecting such of the government property as has escaped destruction. Large quantities of iron, copper, and other materials, together with a considerable amount of valuable machinery, have been recovered and sent to other yards, and there yet remains a large quantity of government property, which is being removed as rapidly as possible. There remained in the treasury a balance of appropriations for improvements at this yard, when the yard was taken by the enemy, amounting to \$78,515 44. A portion of this balance is being expended in cancelling bills due at the date of secession, and for collecting materials.

PENSACOLA.

The yard at this place has also been repossessed by the government, but, like that of Norfolk, was found a mass of ruins, the buildings having been burnt and every effort made to destroy all the government property. There remained in the treasury to the credit of improvements of this yard, when the yard was taken by the enemy, a balance of \$40,207 38.

A statement of the bids received and contracts entered into by this bureau, for the fiscal year ending 30th June, 1863, will be presented at as early a day as practicable.

HOSPITALS.

Boston.—For the necessary repairs of the hospital buildings, roads, and fences, and for the care of the public grounds at Chelsea, there has been expended during the past fiscal year the sum of \$2,524 84.

Estimates are submitted for the fiscal year ending 30th June, 1864, for the annual repairs of the buildings, roads, walks, and fences, amounting to the sum of \$2,500.

New York.—For the necessary repairs of the various buildings, fences, roads,

and other improvements belonging to this establishment, there has been expended during the past fiscal year the sum of \$6,042 99.

Estimates are submitted for the fiscal year ending 30th June, 1864, for repairs of existing improvements, for repairs and increase of apparatus in laboratory, and for temporary addition to hospital accommodations, amounting, in the aggregate, to the sum of \$22,000. The amount asked for repairs is about the usual sum appropriated. The capacity of the present hospital building is entirely inadequate to furnish accommodations for the large number of sick and wounded requiring treatment and care, and it has been necessary to obtain quarters elsewhere for many of the patients. This is very inconvenient and expensive, and it is proposed to erect a temporary addition to the present building, so that the sick may be at all times under the immediate observation of the medical officers. By this arrangement the expense of providing means for warming and lighting the new building, as well as the conveniences for cooking and a supply of water, will be almost entirely saved, as the supply of heat, light, and water in the present building is amply sufficient to furnish the contemplated enlargement. This appropriation is much needed, and is strongly urged.

Naval Asylum, Philadelphia.—The amount expended at this institution during the past fiscal year for furniture and repairs to the same, house-cleaning and whitewashing, repairs to furnaces, grates, and ranges, gas and water rent, general repairs to the hospital building, and for the support of the beneficiaries, is \$26,725 54.

Estimates are submitted for the fiscal year ending 30th June, 1864, for furniture and repairs of same, house-cleaning and whitewashing, repairs to furnaces, grates, and ranges, gas and water rent, improvement of chapel and grounds, library of asylum, hospital, and repairs of all kinds, and for the support of beneficiaries, amounting to the sum of \$32,900.

Washington.—The amount expended for the repairs of this building during the past fiscal year is \$144 26.

For the next fiscal year no further appropriation is required.

Mare island.—No provision has yet been made at the yard for the accommodation of the sick, and it is deemed important that preparations for this object should be made, as the necessity for it is beginning to be more and more felt from the increasing demands of the service in that quarter. An estimate is therefore submitted for the commencement of a suitable building for this purpose.

MAGAZINES.

Portsmouth, N. H.—The amount expended at this yard during the past fiscal year, coming under the head of magazines, for shot-beds and repairs of magazine buildings, is \$11,723 82.

An estimate is submitted for the fiscal year ending 30th June, 1864, for an ordnance timber-shed and storehouse for howitzers, amounting to the sum of \$31,522.

Boston.—There has been expended during the past fiscal year for general repairs upon the hospital buildings the sum of \$3,044 97.

Estimates are submitted for the fiscal year ending 30th June, 1864, for the necessary repairs of buildings and fences, and care of grounds, amounting to \$2,000.

New York.—There has been expended during the past year for stowing guns, shot-beds, skids, &c., row-boat and shed, and for repairs to the buildings, the sum of \$10,315 95.

Philadelphia.—The amount expended during the past year for repairs of magazine is \$1.

Washington.—The amount expended during the past year for repairs of magazine, keeper's house, and for furnaces in ordnance foundery, is \$11,772 22.

NAVAL ASYLUM.

The affairs of this institution have been administered judiciously and economically during the past year, and the officers in charge have made every effort to render the condition of the inmates as comfortable as possible. There have been some cases of insubordination, requiring the interference of the department, and for gross violation of the rules the offenders have been dismissed and deprived of the benefits of the institution. Generally the conduct of the beneficiaries has been good, and they have exhibited a proper appreciation of the liberality of the government in furnishing this comfortable home for them, after being no longer able to obtain a support by labor.

There were on the first of July last 183 persons, including officers and attendants, borne on the rolls of the asylum. 20 beneficiaries have been admitted, 16 have died, and 4 have been dismissed during the past fiscal year.

The expenses of the institution for the year ending 30th June, 1862, have been as follows, viz:

Subsistence	\$13,815 08
Clothing, tobacco, &c.....	7,654 09
Miscellaneous items	3,883 33
Officers and attendants.....	20,483 06
Total.....	<u>45,835 56</u>

All of which is respectfully submitted.

JOS. SMITH.

Hon. GIDEON WELLES,
Secretary of the Navy.

Schedule of papers accompanying the report of the chief of the Bureau of Yards and Docks to the Secretary of the Navy, dated November 4, 1862.

- Y. & D., A.—General estimate from Yards and Docks.
- Y. & D., No. 1.—Estimate for the support of the bureau.
- Y. & D., No. 2.—Estimate for officers and others at yards and stations.
- Y. & D., No. 3.—Statement showing the sums which make up the first and second items of Y. and D., A.
- Y. & D., No. 4.—Estimate for improvements and repairs at yards and stations.
- Y. & D., No. 5.—Estimate for improvements and repairs at hospitals and naval asylum.
- Y. & D., No. 6.—Estimate for improvements and repairs of magazines.
- Y. & D., No. 7.—Estimate for repairs of all kinds, showing the sums which make up the amounts under this head in Y. & D., No. 4.
- Y. & D., No. 8.—Statement of expenditures under the head of contingent during the past fiscal year, and estimates for the same for the fiscal year ending June 30, 1864.
- Y. & D., No. 9.—Estimates of appropriations, under the cognizance of the Bureau of Yards and Docks, required for the service of the fiscal year ending June 30, 1864.
- Y. & D., No. 10.—Abstracts of offers for supplies for the fiscal year ending June 30, 1863.
- Y. & D., No. 11.—Lists of contracts made by the Bureau of Yards and Docks for the current fiscal year.

Y. & D., A.

General estimate from the Bureau of Yards and Docks for the fiscal year ending June 30, 1864, in addition to the balances remaining unexpended July 1, 1863.

	Estimated for the year end- ing June 30, 1864.	Estimated for the year end- ing June 30, 1863.
1. For the pay of commission, warrant, and petty officers, (see paper Y. & D., No. 3).....	\$180, 592	\$216, 370
2. For pay of superintendents, naval constructors, and all the civil establishment at the several yards and stations, (see Y. & D., No. 3)	106, 784	104, 584
3. For improvements and repairs at yards and stations, (see Y. & D., No. 4)	1, 604, 123	1, 664, 505
4. For hospital buildings and their dependencies, including the naval asylum, (see Y. & D., No. 5)	82, 400	106, 300
5. For ordnance works, magazines, and their dependencies, (see Y. & D., No. 6).....	33, 522	96, 162
6. For contingent expenses that may accrue during the fiscal year for the following purposes, viz: for the freight and transportation of materials and stores for yards and docks; for dockage; for printing and stationery; for books, maps, models, and drawings; for the purchase and repair of fire-engines; for machinery of every description, and the patent right to use the same; for the repair of steam-engines and attendance on the same in the navy yards; for docking vessels; for the purchase and maintenance of horses and oxen and driving teams; for carts, timber-wheels, and workmen's tools of every description, and repairing the same; for postage of letters on public service; for furniture for government houses; for coals and other fuel; for candles and oil for use of navy yards and stations; for cleaning and clearing up yards; for flags, awnings, and packing-boxes; for watchmen, and for incidental labor at navy yards not applicable to any other appropriation	679, 000	500, 000
Total	2, 686, 421	2, 687, 921

JOS. SMITH,

Chief of Bureau of Yards and Docks.

BUREAU OF YARDS AND DOCKS, November 4, 1862.

Y. & D., No. 1.

Estimate of the amount required for the support of the Bureau of Yards and Docks for the fiscal year ending June 30, 1864.

For salary of the chief of the bureau, per act of July 16, 1862, Statutes at Large, pamphlet edition, chapter 183, section 15, page 586	\$4, 000
For salary of civil engineer, per act of July 5, 1862, Statutes at Large, pamphlet edition, chapter 134, section 3, page 511.....	2, 000
For salary of chief clerk, fourth class, per act of July 5, 1862, Statutes at Large, pamphlet edition, chapter 134, section 3, page 511..	1, 800
For salaries of six clerks, including draughtsman, (one of third class, four of second class, and one of first class,) per act of July 5, 1862, Statutes at Large, pamphlet edition, chapter 134, section 3, page 511	8, 400
For salary of messenger, per act of July 5, 1862, Statutes at Large, pamphlet edition, chapter 134, section 3, page 511.....	840
For wages of two laborers, (one for the bureau, the other for the office of the engineer and draughtsman, per act of July 5, 1862, Statutes at Large, pamphlet edition, chapter 134, section 3, page 511.....	1, 200
Total	18, 240
Appropriated for year ending June 30, 1863.....	14, 140

CONTINGENT EXPENSES.

For stationery, books, plans, drawings, and incidental labor	800
Appropriated for year ending June 30, 1863.....	800

BUREAU OF YARDS AND DOCKS, 1862.

Y. & D., No. 2.

Estimate of the pay of officers and others at navy yards and stations for the fiscal year ending June 30, 1864.

PORTSMOUTH, N. H.

No.	Officers, &c.	Pay.	Aggregate.
NAVAL.			
1	Commodore	\$3, 200	
1	Commander	2, 240	
2	Lieutenants, at \$1,500 each	3, 000	
1	Master	1, 200	
1	Surgeon	2, 400	
1	Paymaster	2, 400	
1	Chaplain	1, 500	
1	Boatswain	1, 000	
1	Gunner	1, 000	
1	Carpenter	1, 000	
1	Sailmaker	1, 000	
1	Paymaster's assistant, when performing the duties of clerk also, (act March 31, 1852) ..	750	
1	Steward (surgeon's)	480	
			\$21, 170
ORDINARY.			
12	Seamen, at \$180 each	2, 160	
6	Ordinary seamen, at \$144 each	864	
			3, 024
CIVIL.			
1	Storekeeper	1, 500	
1	Naval constructor	2, 600	
1	Civil engineer	1, 800	
1	Draughtsman to engineer	900	
1	Superintendent of floating dock	1, 000	
1	Foreman and inspector of timber	1, 050	
1	Clerk of the yard	900	
1	Clerk to the commandant	1, 200	
1	Clerk to the storekeeper	900	
1	Clerk to naval constructor	800	
1	Porter	456	
			13, 106
Total			37, 300

BOSTON.

NAVAL.			
1	Commodore	3, 200	
1	Commander	2, 240	
2	Lieutenants, at \$1,500 each	3, 000	

Y. & D., No. 2—Continued.

BOSTON.

No.	Officers, &c.	Pay.	Aggregate.
1	Master	\$1, 200	
1	Surgeon	2, 600	
1	Paymaster	2, 600	
1	Chaplain	1, 500	
1	Boatswain	1, 100	
1	Gunner	1, 100	
1	Carpenter	1, 100	
1	Sailmaker	1, 100	
1	Gunner, (keeper of magazine)	1, 100	
1	Clerk to paymaster, (act of June 22, 1860) ..	750	
1	Steward, (paymaster's)	480	
1	Steward, (surgeon's)	480	
			\$23, 550
	HOSPITAL.		
1	Surgeon	2, 600	
1	Assistant surgeon	1, 050	
1	Steward	480	
1	Matron	204	
2	Nurses, at \$180 each	360	
1	Cook	204	
1	Washer	144	
3	Watchmen, at \$240 each	720	
			5, 762
	CIVIL.		
1	Storekeeper	1, 700	
1	Naval constructor	2, 600	
1	Civil engineer	2, 000	
1	Assistant engineer	1, 200	
1	Draughtsman to engineer	900	
1	Master machinist and steam engineer	2, 000	
1	Measurer and inspector of timber	1, 050	
1	Clerk of the yard	1, 200	
1	Clerk to the commandant	1, 200	
1	Clerk (second) to commandant	960	
1	Clerk to the storekeeper	1, 200	
1	Clerk (second) to storekeeper	900	
1	Clerk to inspector of provisions, &c.	750	
1	Clerk to naval constructor	800	
1	Porter	456	
			18, 916
	Total		48, 228
	NOTE.—The surgeon of the yard will attend to the marines also.		

Y. & D., No. 2—Continued.

NEW YORK.

No.	Officers, &c.	Pay.	Aggregate.
NAVAL.			
1	Rear admiral.	\$4, 000	
1	Commander.	2, 240	
3	Lieutenants, at \$1,500 each.	4, 500	
1	Master.	1, 200	
1	Surgeon.	2, 600	
1	Paymaster.	2, 600	
1	Chaplain.	1, 500	
1	Boatswain.	1, 100	
1	Gunner.	1, 100	
1	Carpenter.	1, 100	
1	Sailmaker.	1, 100	
1	Gunner (keeper of magazine).	1, 100	
1	Clerk to paymaster (act of June 22, 1860) ..	750	
1	Steward (paymaster's).	480	
1	Steward (surgeon's).	480	
			\$25, 850
HOSPITAL.			
1	Surgeon.	2, 600	
2	Assistant surgeons, at \$1,050 each.	2, 100	
1	Hospital steward.	480	
1	Apothecary.	300	
1	Matron.	204	
4	Nurses, at \$180 each.	720	
2	Washers, at \$144 each.	288	
2	Cooks, at \$168 each.	336	
1	House-cleaner.	144	
1	Messenger.	144	
1	Gate-keeper.	360	
1	Gardener.	276	
1	Porter.	180	
2	Watchmen, at \$240 each.	480	
1	Engineer for steam-pump.	480	
			9, 092
LABORATORY.			
1	Surgeon, director of laboratory.	2, 600	
1	Assistant surgeon.	1, 050	
1	Laborer.	360	
1	Engineer.	600	
1	Fireman.	300	
			4, 910
CIVIL.			
1	Storekeeper.	1, 700	
1	Naval constructor.	2, 600	
1	Civil engineer.	2, 500	

Y. & D., No. 2.—Continued.

NEW YORK.

No.	Officers, &c	Pay.	Aggregate.
1	Assistant engineer and superintendent of dry-dock	\$1, 500	
1	Draughtsman to engineer.....	900	
1	Inspector of timber.....	1, 050	
1	Clerk of the yard.....	1, 200	
1	Clerk to the commandant.....	1, 200	
1	Clerk (second) to the commandant	960	
1	Clerk to the storekeeper.....	1, 200	
1	Clerk (second) to the storekeeper	900	
1	Clerk to inspector of provisions and clothing.	750	
1	Clerk to the naval constructor.....	800	
1	Porter	600	
			\$17, 860
	Total.....		57, 712
	NOTE.—The surgeon of the yard will attend the marines also.		

PHILADELPHIA.

NAVAL.			
1	Commodore	\$3, 200	
1	Commander.....	2, 240	
2	Lieutenants, at \$1,500 each.....	3, 000	
1	Master	1, 200	
1	Surgeon	2, 400	
1	Paymaster	2, 400	
1	Chaplain	1, 500	
1	Boatswain	1, 000	
1	Gunner	1, 000	
1	Carpenter ..	1, 000	
1	Sailmaker	1, 000	
1	Paymaster's assistant, when performing duties of clerk also	750	
1	Steward (paymaster's)	480	
1	Steward (surgeon's)	480	
			\$21, 650
HOSPITAL.			
1	Surgeon	2, 600	
1	Passed assistant surgeon.....	1, 400	
1	Steward (surgeon's)	480	
1	Cook	156	
2	Nurses, at \$180 each	360	
2	Washers, at \$108 each.....	216	
			5, 212

Y. & D., No. 2 —Continued.

PHILADELPHIA.

No.	Officers, &c.	Pay.	Aggregate.
NAVAL ASYLUM.			
1	Rear admiral	\$4, 000	
1	Commander	2, 240	
1	Lieutenant	1, 500	
1	Chaplain	1, 500	
1	Secretary	900	
1	Carpenter	1, 100	
1	Steward to the asylum	480	
1	Purser's assistant	750	
1	Matron	204	
6	Washers, at \$108 each	648	
1	Cook	168	
2	Assistant cooks—one at \$120, and one at \$96 ..	216	
6	Laundresses, at \$108 each	648	
8	Scrubbers and house-cleaners, at \$96 each ...	768	
4	Laborers, at \$180 each	720	
1	Master-at-arms	300	
1	Ship's corporal	240	
			\$16, 382
CIVIL.			
1	Storekeeper	1, 500	
1	Naval constructor	2, 600	
1	Superintendent of floating dock and machinery	1, 000	
1	Measurer and inspector of timber	1, 050	
1	Clerk of the yard	900	
1	Clerk to the commandant	1, 200	
1	Clerk to the storekeeper	900	
1	Clerk (second) to storekeeper	750	
1	Clerk to naval constructor	800	
1	Porter	456	
			11, 156
Total			54, 400
NOTE.—The surgeon of the yard is to attend the marines also.			

WASHINGTON.

NAVAL.			
1	Commodore	\$3, 200	
1	Commander	2, 240	
1	Lieutenant	1, 500	
1	Master	1, 200	

Y. & D., No. 2—Continued.

WASHINGTON.

No.	Officers, &c.	Pay.	Aggregate.
1	Surgeon.....	\$2, 400	
1	Paymaster.....	2, 400	
1	Chaplain.....	1, 500	
1	Boatswain.....	1, 000	
1	Gunner.....	1, 000	
1	Carpenter.....	1, 000	
1	Paymaster's assistant, when performing duty as clerk also.....	750	
1	Steward, (Paymaster's).....	480	
1	Steward, (Surgeon's).....	480	
			\$19, 150
	ORDINARY.		
10	Ordinary seamen, at \$120 each.....		1, 200
	CIVIL.		
1	Storekeeper.....	\$1, 700	
1	Civil engineer.....	3, 000	
1	Draughtsman.....	900	
1	Inspector of timber.....	900	
1	Clerk of the yard.....	1, 200	
1	Clerk to the commandant.....	1, 200	
1	Clerk (2d) to commandant.....	960	
1	Clerk to storekeeper.....	1, 200	
1	Clerk (2d) to storekeeper.....	900	
1	Steam engineer and machinist.....	1, 500	
1	Master tank and caboose maker.....	1, 250	
1	Master chain cable and anchor maker.....	1, 250	
1	Pyrotechnist.....	1, 500	
1	Messenger.....	700	
1	Keeper of magazine.....	480	
1	Porter.....	456	
			19, 096
	Total.....		39, 446
	NOTE.—The surgeon of the yard will attend the marines also.		

MARE ISLAND.

	NAVAL.		
1	Commodore.....	\$3, 200	
1	Commander.....	2, 240	
2	Lieutenants, at \$1,500 each.....	3, 000	
1	Master.....	1, 200	
1	Surgeon.....	2, 600	

Y. & D., No. 2—Continued.

MARE ISLAND.

No.	Officers, &c.	Pay.	Aggregate.
1	Paymaster.....	\$2, 600	
1	Clerk to paymaster and inspector of provisions, &c., (act of July 14, 1862).....	1, 500	
1	Gunner, keeper of magazine.....	1, 100	
1	Steward, (surgeon's).....	750	
1	Steward, paymaster's, (act of July 14, 1862)	750	
			\$18, 940
	CIVIL.		
1	Storekeeper.....	2, 500	
1	Naval constructor.....	2, 600	
1	Civil engineer.....	3, 200	
1	Draughtsman to engineer.....	1, 200	
1	Superintendent of dock.....	2, 000	
1	Clerk of the yard.....	1, 500	
1	Clerk to the commandant.....	1, 500	
1	Clerk to the storekeeper.....	1, 500	
1	Clerk to civil engineer, (act of July 14, 1862).	900	
1	Clerk to naval constructor, (act of July 14, '62).	900	
9	Watchmen, at \$900 each.....	8, 100	
1	Porter.....	750	
			26, 650
	Total.....		45, 590

SACKETT'S HARBOR.

	NAVAL.		
1	Commodore.....	\$3, 200	
1	Lieutenant.....	1, 500	
			4, 700

RECAPITULATION.

Place.	Naval.	Ordinary.	Hospital.	Asylum.	Laboratory.	Civil.	Aggregate.
Portsmouth, N. H.	\$21, 170	\$3, 024				\$13, 106	\$37, 300
Boston.....	23, 550		\$5, 762			18, 916	48, 228
New York.....	25, 850		9, 092		\$4, 910	17, 860	57, 712
Philadelphia.....	21, 650		5, 212	\$16, 382		11, 156	54, 400
Washington.....	19, 150	1, 200				19, 096	39, 446
Mare Island.....	18, 940					26, 650	45, 590
Sackett's Harbor.....	4, 700						4, 700
Total.....	135, 010	4, 224	20, 066	16, 382	4, 910	106, 784	287, 376

Y. & D., No. 3.

Statement showing the several sums which make up the amounts of the first and second items in the general estimate from the Bureau of Yards and Docks for the year ending June 30, 1864, marked Y. & D., A.

First item in general estimate A :

For naval branch at yards and stations.....	\$135, 010
For hospital branch at yards and stations, including the naval asylum at Philadelphia and laboratory at New York.....	41, 358
For ordinary branch at yards and stations.....	4, 224
	180, 592

Second item in general estimate A :

For the civil branch at all the yards and stations.....	\$106, 784

BUREAU OF YARDS AND DOCKS, November 4, 1862.

Y. & D., No. 4.

Estimate of the amounts that will be required towards the construction and completion of works, and for the current repairs of the several navy yards, for the fiscal year ending June 30, 1864.

PORTSMOUTH, NEW HAMPSHIRE.

For boat-house and carpenter's shop.....	\$31, 632
For paint shop.....	9, 758
For Bishop's derrick.....	36, 000
For railway, &c.....	13, 622
For knee dock-wall.....	6, 600
For repairs of floating dry-dock.....	2, 500
For repairs of all kinds.....	32, 250
	132, 362

BOSTON.

For repairing around dry-dock and relaying surface water drains..	\$36, 500
For joiners' shop and painters' loft.....	94, 066
For extension of shear wharf.....	35, 000
For additional expenses on house for heavy forging hammer.....	48, 000
For repairs of all kinds.....	65, 000
	278, 566

NEW YORK.

For continuation of quay-wall.....	\$100, 000
For new foundery.....	95, 500
For drains, paving, and flagging.....	10, 000
For water pipes and hydrants.....	4, 490
For filling low places.....	26, 025

For repairs of dry-dock.....	\$6, 500
For chain cable shop.....	17, 612
For railways.....	7, 034
For officers' houses.....	17, 000
For bakery and machinery.....	85, 092
For machinery for machine shop, foundery, boiler shop, and pattern shop.....	16, 000
For large chuck lathe for turning large rings for turrets on gun batteries.....	18, 000
For repairs of all kinds.....	59, 750
	463, 003

PHILADELPHIA.

For dock.....	\$99, 658
For dredging.....	12, 000
For repairs of all kinds.....	28, 800
For the purchase of two lots adjoining navy yard, Philadelphia, extending from Front street to the commissioner's line, in the Delaware river, upon condition that a more extensive navy yard shall not be provided for on said river.....	90, 000
	230, 458

WASHINGTON.

For Bishop's derrick.....	\$28, 000
For depot for coal for steamers.....	12, 203
For machinery and tools.....	49, 168
For repairs of all kinds.....	41, 500
	131, 871

MARE ISLAND, CALIFORNIA.

For completing officers' houses, (see report).....	\$34, 000
For grading and paving.....	15, 000
For foundery, machine shop, and equipment.....	80, 000
For completing Bishop's derrick, (a portion of this amount being to liquidate an excess of expenditures).....	8, 979
For repairs of sectional dock.....	40, 000
For fitting up boiler shop in smithery.....	7, 500
For portable engines, with machinery for hoisting, for yard purposes.....	5, 000
For cistern and holder for gas works.....	3, 366
For saw-mill.....	71, 268
For commencing stables.....	25, 000
For commencing coal-house and wharf.....	25, 000
For commencing sea-wall on west side of island.....	15, 000
For repairs of all kinds.....	36, 250
	366, 336

SACKETT'S HARBOR.

For repairs of all kinds.....	\$1, 500

Recapitulation.

For Portsmouth, N. H.	\$132, 362
For Boston.	278, 566
For New York.	463, 003
For Philadelphia.	230, 458
For Washington.	131, 871
For Mare island.	366, 363
For Sackett's Harbor.	1, 500
	1, 604, 123

BUREAU OF YARDS AND DOCKS, *November 4, 1862.*

Y. & D., No. 5.

Estimate of the amounts that will be required towards the construction and completion of works, and for current repairs at the several naval hospitals, for the fiscal year ending June 30, 1864.

BOSTON.

For repairs of hospital and grounds at Chelsea.	<u>\$2, 500</u>
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NEW YORK.

For repairs and improvements.	\$7, 000
For repairs and increase of apparatus in laboratory.	3, 000
For temporary addition to hospital accommodations.	12, 000
	22, 000

PHILADELPHIA ASYLUM AND HOSPITAL.

For furniture and repairs of same.	\$100
For house-cleaning and whitewashing.	500
For repairs to furnaces, grates, and ranges.	200
For gas and water rent.	600
For improvement of chapel and grounds.	800
For library of asylum.	200
For hospital and repairs of all kinds.	500
	2, 900
For support of beneficiaries.	30, 000
	32, 900

MARE ISLAND, CALIFORNIA.

For commencing hospital.	<u>\$25, 000</u>
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Recapitulation.

For Boston.....	\$2, 500
For New York.....	22, 000
For Philadelphia.....	32, 900
For Mare island.....	25, 000
	82, 400

BUREAU OF YARDS AND DOCKS, *November 4, 1862.*

Y. & D., No. 6.

Estimate of the amounts that will be required towards the construction and completion of ordnance works, and for the current repairs at the several magazines, for the fiscal year ending June 30, 1864.

PORTSMOUTH, NEW HAMPSHIRE.

For ordnance, timber-shed, and storehouse for howitzers, &c.....	<u>\$31, 522</u>
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BOSTON.

For repairs of buildings and care of grounds.....	<u>\$2, 000</u>
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BUREAU OF YARDS AND DOCKS, *November 4, 1862.*

Y. & D., No. 7.

Statement of estimates for repairs of all kinds at the several navy yards for the fiscal year ending June 30, 1864.

Objects.	Portsmouth, N. H., 1863-'64.	Boston, 1863-'64.	New York, 1863-'64.	Philadelphia, 1863-'64.	Washington, 1863-'64.	Mare island, 1863-'64.
For repairs on yard buildings -----	\$7,000 00	\$15,000 00	\$18,325 00	-----	\$11,100 00	\$11,000 00
For repairs on officers' quarters -----	4,000 00	8,000 00	3,500 00	-----	2,900 00	5,000 00
For repairs on bridges, landings, platforms, &c. ---	3,500 00	-----	-----	-----	500 90	-----
For repairs on roads, walks, gutters, drains, and sewers -----	2,500 00	9,500 00	4,500 00	-----	500 00	750 00
For repairs on fences and walls -----	2,250 00	-----	3,000 00	-----	2,000 00	300 00
For repairs on cranes, scows, and derricks -----	3,000 00	-----	-----	-----	-----	-----
For repairs on furnaces, forges, and stoves -----	1,000 00	-----	-----	-----	7,000 00	-----
For repairs on docks, wharves, reservoirs, slips, &c.	3,000 00	7,500 00	12,500 00	-----	4,000 00	1,000 00
For repairs on miscellaneous objects -----	6,000 00	-----	7,425 00	\$3,000 00	7,000 00	1,200 00
For repairs on smithery building and fixtures -----	-----	-----	4,000 00	-----	-----	7,000 00
For repairs on stables -----	-----	-----	1,000 00	-----	-----	4,500 00
For repairs on steam-engines and machinery -----	-----	-----	4,500 00	-----	4,500 00	5,500 00
For repairs on water and gas pipes -----	-----	-----	1,000 00	-----	2,000 00	-----
For rebuilding portion of the boundary wall -----	-----	25,000 00	-----	-----	-----	-----
For materials -----	-----	-----	-----	12,800 00	-----	-----
For dredging -----	-----	-----	-----	4,000 00	-----	-----
For labor -----	-----	-----	-----	9,000 00	-----	-----
Total -----	32,250 00	65,000 00	59,750 00	28,800 00	41,500 00	36,250 00

BUREAU OF YARDS AND DOCKS, November 4, 1862.

Y. & D., No. 8.

Statement of expenditures for contingent during the fiscal year ending June 30, 1862, with estimates for contingent for the fiscal year ending June 30, 1864.

Objects.	Portsmouth, N. H.		Boston.		New York.		Philadelphia.		Washington.		Mare island.	
	Exp'd in 1861-'62.	Estim'd for 1863-'64.	Expended in 1861-'62.	Estimat'd for 1863-'64.	Expended in 1861-'62.	Estimat'd for 1863-'64.	Exp'd in 1861-'62.	Estim'd for 1863-'64.	Expended in 1861-'62.	Estimat'd for 1863-'64.	Exp'd in 1861-'62.	Estim'd for 1863-'64.
For freight and transportation.....	\$5 50	\$75 00	\$827 73	\$500 00	\$6 00	\$100 00	\$68 46	\$400 00	\$386 43	\$400 00	\$3,220 97	\$2,500 00
For printing and stationery.....	1,004 94	520 00	2,140 60	2,000 00	1,754 57	2,000 00	1,293 93	2,000 00	1,697 72	3,600 00	1,602 63	1,200 00
For books, maps, models, and drawings..	463 36	600 00	...	100 00	...	100 00	...	...	16 00	100 00	562 00	1,000 00
For purchase and repair of fire-engines...	508 25	6,000 00	832 50	1,500 00	1,641 75	5,000 00	79 00	1,000 00	...	1,000 00	87 68	150 00
For machinery of every description and patent right to use the same.....	18,025 93	10,000 00	17,741 51	10,000 00	12,789 38	15,000 00	...	6,000 00	13,030 96	12,000 00	13,739 35	2,500 00
For repair of steam-engines and attendance on the same in the navy yards....	3,229 22	3,000 00	12,172 50	11,000 00	15,202 04	20,000 00	...	5,000 00	8,853 68	9,000 00	5,329 73	8,000 00
For docking vessels.....	...	...	...	...	...	...	...	...	...	...	...	15,000 00
For purchase and maintenance of horses and oxen, and driving teams.....	10,785 04	5,600 00	16,223 75	12,000 00	32,042 41	20,000 00	2,317 47	3,000 00	7,896 64	8,000 00	10,232 03	9,000 00
For carts, timber-wheels, workmen's tools of every description, and repairing.....	26,695 72	7,500 00	99,684 16	28,000 00	45,549 74	20,000 00	28,405 02	30,000 00	26,492 92	26,000 00	10,908 95	11,000 00
For postage of letters on public service...	3 00	25 00	357 17	300 00	944 27	1,000 00	293 44	300 00	17 34	50 00	75 02	100 00
For furniture for government houses.....	58 88	700 00	389 58	300 00	...	...	104 98	...	524 46	1,500 00	...	500 00
For coals and other fuel.....	13,853 68	7,000 00	40,742 66	40,000 00	28,916 62	27,500 00	4,903 58	5,000 00	62,379 12	60,000 00	13,633 12	11,300 00
For candles and oil for navy yards and stations.....	946 50	700 00	2,669 50	3,000 00	1,952 15	2,500 00	1,029 77	1,500 00	16,685 57	16,000 00	477 62	560 00
For cleaning and clearing up yards.....	1,336 48	2,000 00	12,313 89	10,000 00	1,851 32	8,600 00	7,004 08	8,000 00	6,612 34	6,000 00	6,675 78	7,000 00
For flags, awnings, and packing boxes...	...	50 00	221 82	300 00	16 25	100 00	...	200 00	120 15	350 00	...	...
For watchmen.....	7,126 68	7,000 00	18,048 60	15,000 00	10,933 44	11,000 00	5,016 25	5,100 00	5,921 12	6,000 00	...	...
For incidental labor at navy yards, not applicable to any other appropriation....	4,197 07	11,200 00	6,154 49	6,000 00	5,960 45	13,000 00	2,761 38	12,000 00	14,550 66	10,000 00	31,418 55	10,000 00
For rent of landing in Portsmouth, N. H..	30 00	30 00	...	...	...	...	...	...	...	...	...	...
For tolls and ferriages.....	...	...	...	...	485 00	600 00	...	...	...	...	...	...
For water-tax.....	...	...	...	...	3,137 25	3,500 00	...	500 00	...	...	...	...
For rent of rendezvous.....	...	...	...	...	...	...	365 00	2,000 00	...	...	...	...
For materials.....	...	...	...	...	...	...	1,786 38	2,000 00	2,044 52	...	...	...
For transfers by storekeepers.....	...	...	...	...	...	...	3,071 95	...	...	...	...	...
For miscellaneous.....	...	...	...	...	...	...	1,994 67	3,000 00	...	...	127 25	190 00
Total.....	88,270 25	62,000 00	230,520 46	140,000 00	163,182 64	150,000 00	60,495 36	87,000 00	167,229 63	160,000 00	98,090 68	80,000 00

Y. & D., No. 9.—*Estimate of appropriations, under the cognizance of the Bureau of Yards and Docks, required for the service of the fiscal year ending June 30, 1864.*

Heads or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimates of the balances of appropriations unexpended on June 30, 1863, which may be applied to the service of the next fiscal year.	Appropriations for the fiscal year ending June 30, 1863.
Pay of superintendents.....	\$106,784 00	-----	\$104,584 00
Contingent enumerated.....	679,000 00	-----	500,000 00
Navy yard, Portsmouth, New Hampshire.....	132,362 00	-----	243,032 00
Navy yard, Boston.....	278,566 00	-----	448,500 00
Navy yard, New York.....	463,003 00	-----	321,246 00
Navy yard, Philadelphia.....	230,458 00	-----	128,746 00
Navy yard, Washington.....	131,871 00	-----	126,985 00
Navy yard, Mare island.....	366,363 00	-----	196,352 00
Navy yard, Sackett's Harbor.....	1,500 00	-----	1,500 00
Navy yard, Norfolk.....	-----	-----	-----
Navy yard, Pensacola.....	-----	-----	-----
Hospital, Portsmouth, New Hampshire.....	-----	-----	24,500 00
Hospital, Boston.....	2,500 00	-----	71,500 00
Hospital, New York.....	22,000 00	-----	21,500 00
Hospital, Philadelphia.....	2,900 00	-----	5,300 00
Hospital, Washington.....	-----	-----	-----
Hospital, Norfolk.....	-----	-----	-----
Hospital, Pensacola.....	-----	-----	-----
Hospital, Mare island.....	25,000 00	-----	-----
Magazine, Portsmouth, New Hampshire.....	31,522 00	-----	-----
Magazine, Boston.....	2,000 00	-----	32,913 00
Magazine, New York.....	-----	-----	55,249 00
Magazine, Philadelphia.....	-----	-----	1,500 00
Magazine, Washington.....	-----	-----	6,000 00
Magazine, Mare island.....	-----	-----	2,000 00
Magazine, Norfolk.....	-----	-----	-----
Magazine, Pensacola.....	-----	-----	-----
Support of beneficiaries.....	30,000 00	-----	27,000 00

Y. & D., No. 10.

ABSTRACT OF OFFERS (EMBRACING AS WELL THOSE WHICH ARE REJECTED AS THOSE WHICH ARE ACCEPTED) RECEIVED FOR FURNISHING ARTICLES COMING UNDER THE COGNIZANCE OF THE BUREAU OF YARDS AND DOCKS, MADE IN CONFORMITY TO THE ACT OF CONGRESS APPROVED MARCH 3, 1843.

Offers for supplies for the navy yard, Portsmouth, New Hampshire, under advisement, dated September 1, 1862.

Class No. 1, bricks :

Trickey & Jewett.....	\$6,281 25
John Mathes.....	*5,760 00
D. F. Chase.....	†4,500 00
George W. Tuttle.....	6,660 00

Class No. 2, stone :

Ezra Eames.....	*7,500 00
Thomas Hale.....	9,500 00
D. P. Hatch.....	8,950 00
E. C. Sargent.....	14,700 00
John M. Mayo.....	19,250 00

Class No. 3, yellow pine timber :

H. D. Rogers.....	4,056 29
Flint & Hall.....	4,055 09
Trickey & Jewett.....	*2,897 35

Class No. 4, yellow pine lumber :

H. D. Rogers.....	625 00
Flint & Hall.....	625 00
Trickey & Jewett.....	*500 00

Class No. 5, oak and hard wood :

H. D. Rogers.....	180 00
Flint & Hall.....	170 00
Trickey & Jewett.....	*105 00
John M. Davis.....	160 00
G. T. Vaughan.....	237 50

Class No. 6, white pine, &c.:

H. D. Rogers.....	*5,870 65
Flint & Hall.....	6,116 20
Trickey & Jewett.....	6,167 64
George Chesley.....	6,258 38
John H. Broughton.....	6,532 88
George W. Tucker.....	7,528 54
S. C. Dyer.....	6,618 40

Class No. 7, lime, hair, and plaster :

John Trickey.....	*221 25
George Chesley.....	310 25

° Accepted. † Informal.

John H. Broughton	\$301 00
George W. Tucker.....	328 00
George Adams	355 50

Class No. 8, cement :

John Trickey	*378 00
Eldridge & Son	474 00
John H. Broughton	411 00
George W. Tucker.....	405 00
George Adams	504 00

Class No. 9, gravel and sand :

Ezra Eames	*850 00
Phineas Drake	850 00
John H. Broughton	940 00

Class No. 10, slate :

John H. Broughton	2,750 00
Thomas Thomas.....	*1,773 20
George W. Tucker.....	3,300 00
William Overfield, jr.....	1,980 00
David Williams	1,815 00
George Adams	4,042 50

Class No. 11, iron, nails, and spikes :

John R. Elvans	1,859 85
H. G. Wills & Co.....	*1,847 00
George Adams.....	2,372 50
J. B. Parrott.....	2,083 50

Class No. 12, steel :

John R. Elvans	2,250 50
H. G. Wills & Co.....	*2,189 00
George Adams.....	2,605 00
J. B. Parrott.....	2,535 00

Class No. 14, files :

John H. Bailey.....	*5,795 00
John R. Elvans	10,348 37
H. G. Wills & Co.....	6,581 00
A. Q. Wendell.....	7,699 00
H. J. Collins & Co.....	5,949 00

Class No. 15, paints, oils, and glass :

John H. Bailey...	*2,518 85
George L. Treadwell	2,683 43
H. G. Wills & Co.....	2,731 11
A. Q. Wendell.....	3,353 16
Alonzo Emery.....	3,174 02
H. J. Collins & Co.....	2,872 72
George Adams.....	3,066 61

Class No. 16, ship-chandlery:

H. G. Wills & Co.....	*\$809 50
A. Q. Wendell.....	1, 334 20
H. J. Collins & Co.....	1, 041 00
George Adams.....	1, 191 20
G. T. Vaughan.....	1, 317 20

Class No. 17, hardware:

John H. Bailey.....	6, 438 30
George L. Treadwell.....	6, 403 00
John R. Elvans.....	7, 081 59
H. G. Wills & Co.....	*5, 875 45
A. Q. Wendell.....	7, 737 94
H. J. Collins & Co.....	7, 740 60

Class No. 18, stationery:

H. L. Davis.....	*573 95
William A. Wheeler.....	662 26
A. E. Cutter.....	609 17

Class No. 19, firewood:

Trickey & Jewett.....	475 00
John M. Davis.....	487 00
C. C. Barrell.....	550 00
H. W. McIntire.....	487 00
George Adams.....	598 00
George W. Tuttle.....	540 00
F. W. Rogers.....	600 00
G. A. Hammond.....	*464 00

Class No. 20, hay and straw:

Trickey & Jewett.....	*2, 025 00
John Rice.....	2, 220 00
Benjamin Kennard.....	2, 385 00
C. C. Barrell.....	2, 100 00
H. W. McIntire.....	2, 250 00
George Adams.....	3, 300 00
A. W. Simpson.....	2, 587 50
F. W. Rogers.....	2, 400 00
James Philbrick.....	2, 100 00
J. P. Shapleigh.....	2, 301 00
G. A. Hammond.....	2, 196 00

Class No. 21, provender:

Eldridge & Son.....	462 50
Charles Robinson, jr.....	460 00
George Adams.....	625 00
A. W. Simpson.....	448 75
G. A. Hammond.....	*425 00
C. G. Pickering.....	337 50

Class No. 22, charcoal:

John M. Davis.....	*650 00
Simon Page.....	700 00
A. W. Simpson.....	1, 150 00

A. Q. Wendell.....	\$750 00
G. T. Vaughan.....	787 50

Class No. 23, belting, packing, and hose :

H. D. Stover.....	2,353 00
John H. Bailey.....	3,062 00
John R. Elvans.....	*2,338 00
A. Q. Wendell.....	3,221 00
J. R. Pugh.....	2,983 50

Class No. 24, sperm and lubricating oils :

H. D. Stover.....	*1,450 00
A. Q. Wendell.....	1,682 00
Z. Southard.....	1,590 00
George Adams.....	1,706 00

Class No. 25, iron castings :

Phineas Drake.....	*2,875 00
George Adams.....	4,500 00
Ira Hazleton.....	3,100 00

Class No. 26, augers :

George L. Treadwell.....	*195 00
John R. Elvans.....	395 00
A. Q. Wendell.....	230 00
H. J. Collins & Co.....	360 00

Class No. 27, anthracite coal :

William Hunter, jr.....	8,415 00
George W. Tucker.....	8,800 00
George Adams.....	9,290 00
Oakham & Eldridge.....	8,690 00
Henry A. Morse.....	*8,415 00

Class No. 28, bituminous coal :

William Hunter, jr.....	3,097 50
G. W. Tucker.....	2,975 00
George Adams.....	4,375 00
Oakham & Eldridge.....	2,887 50
Henry A. Morse.....	*2,747 50

Class No. 31, copper and composition nails :

George Adams.....	*234 00
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Class No. 32, machinery and tools :

John H. Bailey.....	*1,948 00
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* Accepted.

Offers for supplies for the navy yard, Boston, under advertisement dated September 1, 1862.

Class No. 1, bricks:

Oakman & Eldridge.....	*\$3,275 00
N. W. Coffin.....	3,635 00
Trickey & Jewett.....	3,800 00

Class No. 2, stone:

Oakman & Eldridge.....	9,000 00
Thomas Hollis, agent.....	8,331 00
John F. Gilman.....	*6,926 00
E. C. Sargent.....	7,999 00
John M. Mayo.....	16,670 00
A. C. Sanborn.....	6,969 00
Thomas Hale.....	7,371 00

Class No. 5, oak and hard wood:

William Lang.....	486 00
Flint & Hall.....	340 50
Oakman & Eldridge.....	438 50
N. W. Coffin.....	440 40
H. M. Loud.....	973 40
Trickey & Jewett.....	*311 00

Class No. 6, white pine, &c.:

Flint & Hall.....	*3,365 00
Oakman & Eldridge.....	4,432 00
C. A. Loud.....	9,037 00
N. W. Coffin.....	4,503 40
H. M. Loud.....	9,958 00
Trickey & Jewett.....	3,669 50

Class No. 7, lime, hair, and plaster:

William Lang.....	1,254 00
Oakman & Eldridge.....	*860 50
Trickey & Jewett.....	915 90

Class No. 8, cement:

William Lang.....	570 00
Oakman & Eldridge.....	*350 00
Trickey & Jewett.....	350 00

Class No. 9, gravel and sand:

Oakman & Eldridge.....	*3,060 00
N. W. Coffin.....	3,491 00

Class No. 11, iron, nails, and spikes:

William Lang.....	5,028 50
Smith, Brothers & Co.....	*3,122 00
Fuller & Dana.....	4,111 25
John R. Elvans.....	5,111 00
H. G. Wills & Co.....	3,272 00

©Accepted.

Class No. 12, steel :

William Lang	\$1, 596 00
Smith Brothers & Co.....	*1, 110 25
John R. Elvans	1, 360 00
H. G. Wills & Co.....	1, 176 00
H. D. Stover	1, 626 01

Class No. 13, pig iron :

William Lang.....	3, 640 00
Smith Brothers & Co.....	*2, 620 00
Oakman & Eldridge	3, 225 00
John R. Elvans	2, 970 00
H. D. Stover ...	3, 195 00

Class No. 14, files :

William Lang.....	4, 664 70
Smith Brothers & Co.....	*2, 234 90
John R. Elvans	6, 195 00
H. G. Wills & Co.....	3, 384 27

Class No. 15, paints, oils, and glass :

Banker & Carpenter	*2, 991 77
E. A. Fisher	3, 070 35
Alonzo Emery	4, 174 20

Class No. 16, ship-chandlery :

William Lang	3, 443 75
Smith Brothers & Co.....	*2, 565 08

Class No. 17, hardware :

Smith Brothers & Co.....	*3, 120 90
John R. Elvans	8, 360 75

Class No. 18, stationery :

A. E. Cutter	*853 80
William A. Wheeler	1, 413 83

Class No. 19, firewood :

Oakman & Eldridge	*337 50
S. & E. Knight.....	390 00

Class No. 20, hay and straw :

Edward Clarke.....	1, 977 00
Mullett & Bradbury.....	*1, 373 00
N. W. Coffin	1, 945 00
S. & E. Knight.....	1, 770 00
Trickey & Jewett	1, 458 00

Class No. 21, provender :

Mullett & Bradbury	623 65
N. W. Coffin	651 75
John Trickey	*597 00

Class No. 22, charcoal :

Smith Brothers & Co.....	\$2,550 00
Oakman & Eldridge.....	2,500 00
Mullett & Bradbury.....	2,794 00
K. S. Chaffee.....	*2,400 00
Trickey & Jewett.....	2,600 00

Class No. 23, belting, packing, and hose :

John R. Elvans.....	16,234 00
James R. Pugh.....	11,433 00
H. D. Stover.....	*5,120 00

Class No. 24, sperm and lubricating oils :

Mullett & Bradbury.....	*2,382 00
E. A. Fisher.....	2,400 54
Z. Southard.....	2,505 00
H. G. Wills & Co.....	2,462 40

Class No. 25, iron castings :

H. D. Stover.....	†70 00
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Class No. 26, augers :

John R. Elvans.....	1,361 20
H. G. Wills & Co.....	*1,173 00

Class No. 27, anthracite coal :

Oakman & Eldridge.....	*39,100 00
William M. Davidson.....	40,497 20
Henry A. Morse.....	46,340 00
William Hunter, jr.....	†3,528 00

Class No. 29, bituminous Cumberland coal :

Oakman & Eldridge.....	*10,937 50
William M. Davidson.....	†10,600 00

Class No. 30, semi-bituminous, Broad Top, &c., coal :

Oakman & Eldridge.....	*8,300 00
Henry A. Morse.....	9,300 00
William Hunter, jr.....	9,735 00

Class No. 33, extension of hospital at Chelsea :

Isaac H. Hazleton.....	38,600 00
Edwin Adams.....	36,311 00
Saynard and Lothrop.....	35,900 00
John F. Gilman.....	36,680 00
Standish, Woodbury & Fitch.....	41,800 00
Eleazer Frederick.....	36,000 00
Henry Dana.....	37,403 00
C. M. Whittlesey.....	33,950 00
J. W. Coburn.....	34,800 00
Adams & Jenkins.....	*33,892 00

° Accepted.

† Informal.

‡ Received too late.

Offers for supplies for the navy yard, New York, under advertisement, dated September 1, 1862.

Class No. 1, bricks :

C. W. Scofield	\$6, 482 00
J. F. Broderick ...	5, 732 50
David Babcock	6, 241 75
Murphy, Nesbit & Co.	*5, 721 50

Class No. 2, stone :

John F. Broderick	9, 392 00
Jacob Voorhes, jr.	7, 905 00
Baldwin & Patterson	8, 016 00
David Babcock	*7, 795 00
John Fitzpatrick	†7, 667 00
William Roy	‡7, 695 00

Class No. 3, yellow pine timber :

Watson & Pittinger	*5, 453 56
Wesley Smith	7, 870 00

Class No. 4, yellow pine lumber :

Watson & Pittinger	*5, 952 00
Campbell & Bingham	5, 989 00
Wesley Smith	7, 611 50

Class No. 5, oak and hard wood :

Watson and Pittinger	1, 083 00
James Bigler	1, 004 00
J. W. Duryee	*584 80
John Brown	2, 559 50

Class No. 6, white pine, &c.:

Watson & Pittinger	22, 491 90
H. G. Wills & Co.	*21, 498 56
Bigler & Wilt	24, 932 93
J. T. Spencer	§5, 724 00
D. S. Grice	24, 411 34
Campbell & Bingham	25, 401 14
James Bigler	24, 191 35
J. W. Duryee	27, 510 66
Wesley Smith	33, 717 84
S. H. Buton	§1, 704 00

Class No. 7, lime, hair, and plaster :

C. W. Scofield	822 61
Watson & Pittinger	1, 061 75
H. G. Wills & Co.	*585 25
Walter Tomkins	§137 50
David Babcock	841 50
Murphy, Nesbit & Co	652 75

°Accepted.

†Failed to execute.

‡Received too late.

§Informal

Class No. 8, cement:

C. W. Scofield	\$3,940 00
Watson & Pettinger	5,236 00
J. F. Broderick	†3,206 90
M. W. Woodard, (secretary)	3,630 00
Walter Tomkins	3,630 00
David Babcock	4,025 50
Murphy, Nesbit & Co.	*3,526 00

Class No. 9, gravel and sand:

C. W. Scofield	983 00
William Yates	*715 00
David Babcock	1,332 50
Alexander Hitchcock	962 50
Zeno Secor	1,192 50
William Roy	1,112 50

Class No. 10, slate:

Thomas Thomas	*1,944 00
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Class No. 11, iron, nails, and spikes:

H. D. Stover	*11,466 64
Joseph L. Savage	15,746 41
John R. Elvans	17,864 05

Class No. 12, steel:

H. D. Stover	4,066 42
Joseph L. Savage	2,937 35
H. G. Wills & Co.	*2,548 50
John R. Elvans	3,056 87

Class No. 13, pig iron:

H. D. Stover	1,500 00
Joseph L. Savage	1,602 00
John R. Elvans	1,500 00
Zeno Secor	*1,410 00

Class No. 14, files:

H. D. Stover	10,204 39
Joseph L. Savage	*5,108 50
H. G. Wills & Co.	5,142 43
G. C. Dunning	8,902 04
H. J. Collins & Co.	5,672 22
John R. Elvans	9,762 36

Class No. 15, paints, oils, and glass:

C. W. Scofield	*4,820 45
H. G. Wills & Co.	4,883 30
H. J. Collins & Co.	7,012 30

°Accepted.

†Failed to execute.

Class No. 16, ship-chandlery:

H. D. Stover.....	\$10,949 71
C. W. Scofield.....	*8,998 11
H. J. Collins & Co.....	9,120 04
Zeno Secor.....	9,928 32

Class No. 17, hardware:

H. D. Stover.....	21,846 51
C. W. Scofield.....	*19,422 45
G. C. Dunning.....	25,700 27
John R. Elvans.....	19,572 75

Class No. 18, stationery:

W. A. Wheeler.....	*3,512 70
McCoy & Herwig.....	4,781 58
Cornelius Bigelow.....	3,641 66

Class No. 20, hay and straw:

C. W. Scofield.....	2,020 00
William M. Shipmar.....	*1,822 00
George Hanaman.....	1,842 00

Class No. 21, provender:

C. W. Scofield.....	4,417 06
William M. Shipmar.....	3,788 00
J. R. Marsh.....	3,700 50
George Hanaman.....	*3,622 00

Class No. 22, charcoal:

C. W. Scofield.....	1,200 00
Edward Fox.....	*942 50
Zeno Secor.....	1,020 00

Class No. 23, belting, packing, and hose:

H. D. Stover.....	5,548 10
Joseph L. Savage.....	5,666 47
H. G. Wills & Co.....	*5,356 90
J. R. Pugh.....	6,960 75

Class No. 24, sperm and lubricating oils:

H. D. Stover.....	3,618 75
M. A. Finch.....	†339 50
Joseph L. Savage.....	*3,588 35
J. H. Carrington.....	3,947 50
J. G. Taylor.....	3,933 00
J. M. Motley.....	3,665 87

Class No. 25, iron work, piping, &c.:

C. W. Scofield.....	*1,371 25
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°Accepted.

†Informal.

Class No. 26, augers:

C. W. Scofield.....	*\$5,402 53
H. G. Wills & Co.....	5,991 85
G. C. Dunning.....	5,994 61
H. J. Collins & Co.....	7,147 44
John R. Elvans.....	7,575 50
Manning Merrill.....	5,416 01
Rogers & Wetmore.....	5,784 56

Class No. 27, anthracite coal:

C. W. Scofield.....	28,150 00
William Hunter, jr.....	†22,500 00
William M. Davidson.....	*26,144 00

Class No. 30, semi-bituminous, Broad Top, &c., coal:

C. W. Scofield.....	*10,470 00
William Hunter, jr.....	11,325 00
William M. Davidson.....	10,845 00

Class No. 31, copper and composition nails:

C. W. Scofield.....	*1,155 46
H. G. Wills & Co.....	1,185 00
John R. Elvans.....	2,057 00

Class No. 34, hose-carriages:

H. D. Stover.....	*590 00
William H. Vanness.....	590 00

Offers for supplies for the navy yard, Philadelphia, under advertisement dated September 1, 1862.

Class No. 1, bricks:

Paul J. Field.....	*\$126 75
James Evans.....	135 00

Class No. 2, stone:

Paul J. Field.....	*24 50
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Class No. 4, yellow pine lumber:

Huffington & Fentress.....	*18,524 24
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Class No. 5, oak and hardwood:

Huffington & Fentress.....	*20,543 28
John Brown.....	†21,836 23
James Bigler.....	35,422 76
Bigler & Wilt.....	†24,369 15
L. Thompson & Co.....	†556 00
E. F. Collins.....	†20,648 25

*Accepted.

†Informal.

Class No. 6, white pine, &c.:

H. B. Wilson	\$1,731 00
James Bigler	2,240 00
D. S. Grice	2,022 50
W. F. Ferguson	*1,667 00
Bigler & Wilt	1,954 00
L. Thompson & Co	1,712 00
W. S. McCallister	1,764 50

Class No. 7, lime, hair, and plaster:

John W. Simes & Sons	37 50
Paul J. Field	*36 00
J. T. McInnis	37 50

Class No. 9, gravel and sand:

John W. Simes & Sons	47 50
Paul J. Field	38 60
E. G. Stones	*29 30

Class No. 11, iron, nails and spikes:

Paul J. Field	2,470 20
John R. Elvans	*2,130 80
William F. Potts	2,507 50

Class No. 12, steel:

Paul J. Field	752 00
John R. Elvans	747 00
E. G. Stones	780 00
William F. Potts	*731 00

Class No. 14, files:

Paul J. Field	1,915 52
John R. Elvans	2,769 85
H. J. Collins & Co	*1,730 13

Class No. 15, paints, oils, and glass:

John W. Simes & Sons	*1,709 20
H. J. Collins & Co	1,740 00

Class No. 16, ship-chandlery:

C. M. Ghriskey	5,725 32
H. J. Collins & Co	*5,622 50

Class No. 17, hardware:

Paul J. Field	1,355 70
John R. Elvans	1,772 76
E. G. Stones	1,487 43
C. M. Ghriskey	*1,342 39
H. J. Collins & Co	1,880 53

Accepted.

†Informal.

Class No. 18, stationery:

William F. Murphy & Sons	\$1,412 73
Henry Cohen.....	1,371 28
George F. Lewis.....	*1,116 06
William A. Wheeler.....	1,116 96

Class No. 19, firewood:

Robert McNeill	393 40
H. B. Wilson	378 00
Paul J. Field.....	399 00
D. S. Grice	399 00
William S. McCallister	*343 00

Class No. 20, hay and straw:

Robert McNeill	*577 50
H. B. Wilson	716 00
Paul J. Field.....	735 00
C. Zimmerman.....	760 00
William S. McCallister	634 50

Class No. 21, provender:

Paul J. Field.....	*795 70
C. Zimmerman.....	816 80

Class No. 22, charcoal:

H. B. Wilson	490 00
Paul J. Field.....	430 00
E. G. Stones.....	*390 00
James Good	400 00
William S. McCallister	400 00

Class No. 23, belting, packing, and hose:

H. D. Stover.....	*633 00
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Class No. 24, sperm and lubricating oils:

John W. Simes & Sons.....	1,228 20
H. J. Collins & Co.....	1,525 50
H. D. Stover.....	*934 15

Class No. 26, augers:

Rogers & Wetmore.....	2,078 76
Manning Merrill.....	2,046 35
Paul J. Field.....	2,153 80
John R. Elvans.....	2,530 10
E. G. Stones.....	*1,950 24
C. M. Ghiskey.....	2,092 19
H. J. Collins & Co.....	2,595 00

Class No. 27, anthracite coal:

William M. Davidson.....	*4,980 00
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Class No. 30, semi-bituminous, Broad Top, &c., coal:

William M. Davidson.....	*\$3,660 00
William Hunter, jr.	3,840 00

Class No. 31, copper and composition nails:

John R. Elvans.....	*400 46
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Class No. 32, machinery and tools:

H. D. Stover.....	*1,009 50
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*Offers for supplies for Naval Asylum, Philadelphia, under advertisement dated
September 1, 1862.*

Class No. 1, clothing:

A. Robero, jr....	*\$4,790 50
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Class No. 2, hats, boots, and shoes:

William Muldoon	*1,131 25
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Class No. 3, provisions:

G. & A. Scheidt.....	*7,084 25
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Class No. 4, groceries:

William L. Maddock	5,129 00
William Patton.....	*4,837 00

Class No. 5, dry goods:

E. J. Crippen	*3,005 75
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Class No. 6, bread, &c.:

Joseph Peters.	*1,717 50
John G. Moxey	2,190 00
Samuel Alcoon	1,756 50
William Foley	1,950 00

Class No. 7, tobacco:

William L. Maddock	*2,000 00
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Class No. 8, coal:

James O'Donnell.....	†2,330 50
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Class No. 9, paints, oils, and glass:

John W. Simes & Sons.....	*149 55
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Class No. 10, bricks, &c.:

John W. Simes & Sons.....	*88 75
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⊙Accepted.

†Failed to execute.

Class No. 11, lumber:

L. Thompson & Co	*\$479 50
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Class No. 12, firewood:

E. J. Crippen	100 00
Paul J. Field	*51 60

Class No. 13, provender:

E. J. Crippen	405 00
Paul J. Field	*257 50
C. Zimmerman	258 25

Class No. 14, miscellaneous:

E. G. Stones	*688 80
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Class No. 15, hardware:

Paul J. Field ..	185 86
E. G. Stones	*177 95

Class No. 16, stationery:

Ferdinand Foster	*196 76
William A. Wheeler	203 78
William F. Murphy & Sons	240 81

*Offers for supplies for navy yard, Washington, under advertisement dated
September 1, 1862.*

Class No. 1, bricks:

E. N. Belt	†\$1,700 00
Daniel Cram	1,800 00
John Van Riswick	1,900 00
George H. Plant	*1,760 00
K. H. Lambell	1,800 00

Class No. 2, stone:

Nicholas Acker	*10,320 00
Daniel Cram	15,000 00
Berry & Higgins	11,000 00
George H. Plant	13,200 00

Class No. 4, yellow pine lumber:

Esau Pickrell	*3,526 00
John Brown	5,640 40

Class No. 5, oak and hard wood:

Esau Pickrell	*2,017 00
E. N. Belt	2,860 00
John Brown	2,987 00
John O. Evans	2,285 00

°Accepted.

†Failed to execute.

Class No. 6, white pine, &c.:

D. S. Grice	\$4,043 50
James Bigler	*3,860 70
Esau Pickrell	4,106 30
E. N. Belt	5,596 70
John Van Riswick	4,199 48
T. E. Clarke	14,683 80
H. D. Stover	4,251 02

Class No. 7, lime, hair, and plaster:

Nicholas Acker	496 00
Esau Pickrell	600 00
E. N. Belt	518 00
Joseph L. Savage	*496 00
George H. Plant	512 00

Class No. 9, gravel and sand:

Nicholas Acker	1,533 25
Joseph L. Savage	*1,319 35
George H. Plant	1,717 60

Class No. 11, iron, nails, and spikes:

John R. Elvans	2,722 25
E. Wheeler	3,162 00
Joseph L. Savage	*2,485 00

Class No. 12, steel:

John R. Elvans	1,789 50
E. Wheeler	2,016 00
Joseph L. Savage	*1,675 00
H. D. Stover	1,767 50

Class No. 13, pig iron:

John R. Elvans	3,333 33
E. Wheeler	3,000 00
Joseph L. Savage	*2,600 00

Class No. 14, files:

John R. Elvans	13,419 23
E. Wheeler	12,446 95
Joseph L. Savage	*8,689 00

Class No. 15, paints, oils, and glass:

H. J. Collins & Co.	*4,594 75
E. Wheeler	5,431 50

Class No. 16, ship chandlery:

H. J. Collins & Co.	9,103 55
E. Wheeler	6,550 49
Joseph L. Savage	*5,545 43

Class No. 17, hardware:

H. J. Collins & Co.	3,931 55
John R. Elvans	3,078 95

E. Wheeler	\$3, 350 46
Joseph L. Savage	*2, 930 40

Class No. 18, stationery :

J. A. Cummings	† 999 15
W. A. Wheeler	1, 254 85
Blanchard & Mohun	1, 429 00
Philp & Solomons	*1, 105 70

Class No. 19, firewood :

D. S. Grice	*10, 454 00
John Sinclair	12, 840 00
E. N. Belt	11, 940 60
George H. Plant	12, 038 00
John W. Barrick	12, 872 00

Class No. 20, hay and straw :

Nicholas Acker	780 00
E. N. Belt	† 622 35
King & Burchell	690 00
P. W. Dorsey	*651 00

Class No. 21, provender :

Nicholas Acker	*1, 776 10
E. N. Belt	1, 860 00
P. W. Dorsey	1, 956 00

Class No. 22, charcoal :

A. M. Stabler	2, 214 70
Nicholas Acker	2, 984 00
John Sinclair	2, 984 00
A. V. Gray	*2, 191 37
P. W. Dorsey	2, 238 00
John W. Barrick	2, 797 50

Class No. 23, belting, packing, and hose :

J. R. Pugh	1, 216 40
John R. Elvans	906 40
E. Wheeler	1, 480 50
Joseph L. Savage	*827 76
H. D. Stover	946 40

Class No. 24, sperm and lubricating oils :

E. N. Belt	3, 963 50
King & Burchell	3, 479 00
E. Wheeler	4, 107 00
Joseph L. Savage	*2, 892 70
H. D. Stover	3, 182 50

Class No. 27, anthracite coal :

William M. Davidson	7, 497 00
E. N. Belt	7, 832 40
T. E. Clarke	8, 140 00

° Accepted.

† Informal.

‡ Failed to execute.

George H. Plant.....	\$7,350 00
William Hunter, jr.....	*7,350 00
John W. Barrick.....	7,924 40

Class No. 29, bituminous Cumberland coal :

William M. Davidson.....	56,307 20
William Borden	49,800 00
W. W. McKaig	42,828 00
George H. Plant.....	*42,363 20
William Hunter, jr.....	55,776 00
John W. Barrick	62,748 00

Class No. 32, machinery and tools :

E. Wheeler	10,130 00
H. D. Stover	6,885 00

Y. & D., No. 11.

LIST OF CONTRACTS FOR NAVAL SUPPLIES, BUREAU OF YARDS AND DOCKS,
1862-'63.*Schedule of materials required for the United States navy yard at Portsmouth,
New Hampshire, for the year ending June 30, 1863.*

JOHN MATHES. DATE OF CONTRACT, OCTOBER 6, 1862.

Class No. 1, bricks. Miscellaneous.

1,000,000 hard-burnt bricks, merchantable.....	\$5 46	per M.
5,000 first quality fire bricks.....	60 00	per M.
To be delivered as required.		

EZRA EAMES. DATE OF CONTRACT, OCTOBER 6, 1862.

Class No. 2, stone. Miscellaneous.

40,000 cubic feet dimension split granite, 18 inches rise, 2 feet wide, and in lengths from 6 feet to 10 feet.....	\$0 15	per cubic foot.
5,000 cubic feet granite, in blocks of 50 cubic feet each	15	per cubic foot.
5,000 cubic feet granite, in blocks of 65 cubic feet each	15	per cubic foot.
To be delivered as required.		

° Accepted.

TRICKEY & JEWETT. DATE OF CONTRACT, OCTOBER 8, 1862.

Class No. 3, yellow pine timber. Miscellaneous.

25 sticks, 52 feet long, 10 by 10 inches square..	}	559 sticks, 115,894 feet, board measure, \$25 per M feet.
10 sticks, 50 feet long, 10 by 12 inches square..		
10 sticks, 40 feet long, 12 by 12 inches square..		
10 sticks, 49 feet long, 10 by 14 inches square..		
10 sticks, 42 feet long, 12 by 14 inches square..		
12 sticks, 42 feet long, 6 by 15 inches square..		
52 sticks, 41 feet long, 6 by 15 inches square..		
10 sticks, 37 feet long, 10 by 12 inches square..		
2 sticks, 36 feet long, 6 by 12 inches square..		
10 sticks, 34 feet long, 10 by 14 inches square..		
6 sticks, 32 feet long, 12 by 12 inches square..		
6 sticks, 32 feet long, 10 by 12 inches square..		
6 sticks, 32 feet long, 6 by 12 inches square..		
12 sticks, 31 feet long, 10 by 10 inches square..		
22 sticks, 31 feet long, 6 by 15 inches square..		
6 sticks, 30 feet long, 10 by 10 inches square..		
12 sticks, 25 feet long, 3 by 10 inches square..		
20 sticks, 23 feet long, 8 by 12 inches square..		
20 sticks, 20 feet long, 10 by 10 inches square..		
160 sticks, 20 feet long, 6 by 12 inches square..		
40 sticks, 19 feet long, 10 by 10 inches square..		
10 sticks, 18 feet long, 6 by 12 inches square..		
34 sticks, 18 feet long, 6 by 10 inches square..		
4 sticks, 12 feet long, 10 by 10 inches square..		
50 sticks, 12 feet long, 6 by 6 inches square..		

All to be of the best northern yellow pine, free from shakes, splits, cross grains, large knots, or other defects.

To be delivered as required.

Class No. 4, yellow pine lumber. Miscellaneous.

25,000 feet, board measure, yellow pine plank, 2
inches thick, from 6 inches to 9 inches
wide \$20 00 per M feet.

All to be of the best yellow pine, free from all defects.

To be delivered as required.

Class No. 5, oak and hard wood, timber and lumber. Miscellaneous.

1,000 feet bass wood, for handles \$5 00 per M feet.
10 cords hickory butts, for handles 10 00 per cord.

To be delivered as required.

HERMAN D. ROGERS. DATE OF CONTRACT, OCTOBER 8, 1862.

Class No. 6, white pine, spruce, juniper, and cypress timber, and lumber.

White pine timber.

3 sticks 37 feet long, 12 by 14 inches square . . .	}	101 sticks, 11,097 feet, board measure, \$25 per M feet.
4 sticks 36 feet long, 12 by 12 inches square . . .		
6 sticks 35 feet long, 6 by 12 inches square . . .		
3 sticks 35 feet long, 3 by 12 inches square . . .		
1 stick 31 feet long, 12 by 12 inches square . . .		
2 sticks 28 feet long, 12 by 12 inches square . . .		
2 sticks 26 feet long, 8 by 10 inches square . . .		
5 sticks 25 feet long, 3 by 10 inches square . . .		
4 sticks 24 feet long, 3 by 10 inches square . . .		
18 sticks 18 feet long, 8 by 10 inches square . . .		
12 sticks 18 feet long, 6 by 8 inches square . . .		
11 sticks 18 feet long, 4 by 6 inches square . . .		
30 sticks 11 feet long, 6 by 6 inches square . . .		

White pine lumber.

12,500 feet (board measure) white pine plank, No. 2, 4-inch	\$24 00 per M feet.
37,000 feet (board measure) white pine plank, No. 2, 2-inch	24 00 per M feet.
3,000 feet (board measure) white pine plank, No. 2, 1½-inch	24 00 per M feet.
35,000 feet (board measure) white pine plank, No. 3, 2-inch	16 00 per M feet.
37,000 feet (board measure) white pine boards, No. 2, 1-inch	24 00 per M feet.
80,000 feet (board measure) white pine boards, No. 3, 1-inch	16 00 per M feet.

Spruce timber.

53 sticks 33 feet long, 4 by 9 inches square . .	}	2,194 sticks, 97,936 feet, board measure, \$12 per M. feet.
100 sticks 32 feet long, 4 by 9 inches square . .		
30 sticks 32 feet long, 3 by 9 inches square . .		
30 sticks 32 feet long, 3 by 8 inches square . .		
156 sticks 31 feet long, 3 by 6 inches square . .		
365 sticks 31 feet long, 3 by 5 inches square . .		
24 sticks 30 feet long, 3 by 6 inches square . .		
4 sticks 25 feet long, 6 by 12 inches square . .		
2 sticks 25 feet long, 6 by 8 inches square . .		
42 sticks 24 feet long, 3 by 9 inches square . .		
42 sticks 24 feet long, 3 by 8 inches square . .		
140 sticks 24 feet long, 3 by 5 inches square . .		
150 sticks 22 feet long, 3 by 6 inches square . .		
20 sticks 21 feet long, 6 by 12 inches square . .		
14 sticks 20 feet long, 4 by 9 inches square . .		
28 sticks 20 feet long, 3 by 8 inches square . .		
8 sticks 20 feet long, 3 by 9 inches square . .		
70 sticks 20 feet long, 3 by 5 inches square . .		

30 sticks 20 feet long,	3 by 6 inches square ..	
4 sticks 19 feet long,	6 by 8 inches square ..	
22 sticks 18 feet long,	6 by 8 inches square ..	
80 sticks 18 feet long,	3 by 8 inches square ..	
212 sticks 18 feet long,	3 by 6 inches square ..	
14 sticks 17 feet long,	6 by 8 inches square ..	
4 sticks 15 feet long,	10 by 10 inches square ..	
4 sticks 13 feet long,	6 by 8 inches square ..	
92 sticks 12 feet long,	8 by 8 inches square ..	
68 sticks 12 feet long,	5 by 10 inches square ..	
44 sticks 11 ft. 6 in. long,	8 by 8 inches square ..	
44 sticks 11 feet long,	8 by 8 inches square ..	
246 sticks 11 feet long,	3 by 6 inches square ..	
14 sticks 10 feet long,	6 by 6 inches square ..	
8 sticks 7 feet long,	6 by 8 inches square ..	
30 sticks 7 feet long,	6 by 6 inches square ..	

Spruce lumber.

5,000 feet (board measure) spruce plank, 2-inch...	\$10 00 per M. feet.
5,000 feet (board measure) spruce boards, 1-inch ..	10 00 per M. feet.
3,000 feet (board measure) spruce joist, 3 by 5-inch	10 00 per M. feet.
15,000 feet (board measure) spruce joist, 3 by 4-inch	10 00 per M. feet.
15,000 feet (board measure) spruce joist, 3 by 3-inch	10 00 per M. feet.

To be delivered as required.

JOHN TRICKEY. DATE OF CONTRACT, OCTOBER 8, 1862.

Class No. 7, lime, hair, and plaster. Miscellaneous.

400 casks best Rockland lime, put up in barrels well hooped	\$0 55 per cask.
25 bushels hair for plastering	03 per bushel.
2 barrels calcined plaster	25 per barrel.

To be delivered as required.

Class No. 8, cement. Miscellaneous.

3 casks Portland best quality cement	\$1 00 per cask.
300 barrels hydraulic cement, fresh ground, put up in barrels well papered	1 25 per barrel.

To be delivered as required.

EZRA EVANS. DATE OF CONTRACT, OCTOBER 6, 1862.

Class No. 9, gravel and sand. Miscellaneous.

8,000 bushels sharp, clear, and coarse-grained sand, equal to Plumb island	\$0 03 $\frac{3}{4}$ per bushel.
80 tons best quality moulding sand	6 50 per ton.
12 barrels best quality parting sand	2 50 per barrel.

To be delivered as required.

THOS. THOMAS.

Class No. 10, slate. Miscellaneous.

110 tons best quality slate, 20 inches long, four to the
inch, of uniform dark color, per sample..... \$16 12 per ton.
To be delivered as required.

H. G. WILLS & Co. DATE OF CONTRACT, OCTOBER 11, 1862.

Class No. 11, iron, iron nails, and spikes. Miscellaneous.

12, 500 pounds cut-iron nails, assorted	\$0 04 $\frac{3}{5}$ per pound.
10, 000 pounds round, flat, and square iron, assorted.	04 per pound.
5, 000 pounds best tank iron, assorted sheets	03 per pound.
5, 000 pounds best Pembroke rivet iron	02 $\frac{1}{2}$ per pound.
3, 000 pounds best charcoal flange iron, 2 to 10, wire gauge	04 per pound.
1, 200 pounds Russia sheet iron	13 per pound.
1, 200 pounds "R. G." sheet iron	08 per pound.
3, 500 pounds iron spikes, assorted	03 per pound.
400 pounds wrought-iron nails, assorted	05 per pound.
50 pounds clinch-iron nails, assorted	12 per pound.
200 pounds Pembroke iron boiler rivets	08 per pound.
25 pounds small iron rivets	08 per pound.
20 pounds tinned iron rivets	10 per pound.
500 pounds Norway iron nail rods	07 per pound.
500 pounds shoe shapes	06 per pound.
300 pounds iron wire, assorted	03 per pound.

To be delivered as required.

Class No. 12, steel. Miscellaneous.

10, 000 pounds flat, square, and octagon cast steel, to be of the best quality	\$0 16 $\frac{7}{8}$ per pound.
5, 000 pounds round steel	10 per pound.
50 pounds steel wire, assorted	03 per pound.

To be delivered as required.

JOHN H. BAILEY. DATE OF CONTRACT, OCTOBER 10, 1862.

Class No. 14, files. Miscellaneous.

2 gross hand bastard files, 16-inch	\$24 00 per gross.
2 gross hand second-cut files, 16-inch	24 00 per gross.
$\frac{1}{2}$ gross half-round bastard files, 16-inch	48 00 per gross.
1 gross round bastard files, 16-inch	24 00 per gross.
$\frac{1}{2}$ gross square bastard files, 16-inch	24 00 per gross.
$\frac{1}{2}$ gross square taper files, 16-inch	24 00 per gross.
7 gross flat bastard files, 14-inch	72 00 per gross.
1 gross flat second-cut files, 14-inch	60 00 per gross.
1 gross flat second-cut files, 14-inch, safe-edge	24 00 per gross.
4 gross hand bastard files, 14-inch	84 00 per gross.
1 gross hand second-cut files, 14-inch	72 00 per gross.
8 gross mill-saw files, 14-inch	12 00 per gross.
6 gross half-round bastard files, 14-inch	84 00 per gross.

1 gross round bastard files, 14-inch	\$72 00	per gross.
1 gross square bastard files, 14-inch	72 00	per gross.
7 gross square taper files, 14-inch	24 00	per gross.
7 gross flat bastard files, 12-inch	72 00	per gross.
4 gross hand bastard files, 12-inch	84 00	per gross.
2 gross hand second-cut files, 12-inch	72 00	per gross.
4 gross mill-saw files, 12-inch	24 00	per gross.
6 gross half-round bastard files, 12-inch	72 00	per gross.
$\frac{1}{2}$ gross half-round smooth files, 12-inch	84 00	per gross.
$1\frac{1}{2}$ gross hand smooth files, 12-inch	48 00	per gross.
2 gross round bastard files, 12-inch	72 00	per gross.
$\frac{1}{2}$ gross square bastard files, 12-inch	72 00	per gross.
$\frac{1}{2}$ gross equalling files, 12-inch	72 00	per gross.
2 gross three-square taper files, 12-inch	12 00	per gross.
3 gross flat second-cut files, 12-inch	48 00	per gross.
1 gross flat second-cut files, 12-inch, safe-edge	12 00	per gross.
1 gross square straight files, 12-inch	72 00	per gross.
1 gross hand bastard files, 10-inch	30 00	per gross.
3 gross half-round bastard files, 10-inch	22 00	per gross.
1 gross half-round fine files, 10-inch	48 00	per gross.
2 gross half-round second-cut files, 10-inch	60 00	per gross.
$\frac{1}{4}$ gross flat superfine files, 10-inch	84 00	per gross.
$\frac{1}{2}$ gross round bastard files, 10-inch	48 00	per gross.
$\frac{1}{2}$ gross square bastard files, 10-inch	48 00	per gross.
2 gross flat bastard files, 10-inch	24 00	per gross.
2 gross flat mill-saw files, 10-inch	24 00	per gross.
1 gross flat second-cut files, 10-inch	48 00	per gross.
$\frac{1}{2}$ gross blunt square files, 10-inch	48 00	per gross.
1 gross half-round files, 10-inch	48 00	per gross.
1 gross three-square taper files, 10-inch	12 00	per gross.
1 gross second-cut hand files, 10-inch	48 00	per gross.
1 gross smooth hand files, 10-inch	24 00	per gross.
1 gross hand bastard files, 8-inch	12 00	per gross.
$\frac{1}{2}$ gross half-round fine files, 8-inch	48 00	per gross.
3 gross half-round bastard files, 8-inch	12 00	per gross.
2 gross half-round second-cut files, 8-inch	30 00	per gross.
$\frac{1}{4}$ gross half-round superfine files, 8-inch	72 00	per gross.
$\frac{1}{2}$ gross half-round smooth files, 8-inch	30 00	per gross.
$\frac{1}{2}$ gross half-round smooth hand files, 8 inch	30 00	per gross.
$\frac{1}{2}$ gross round bastard files, 8-inch	36 00	per gross.
$\frac{1}{2}$ gross square bastard files, 8-inch	24 00	per gross.
1 gross square taper files, 8-inch	30 00	per gross.
1 gross three-square taper files, 8-inch	12 00	per gross.
1 gross flat mill-saw files, 8-inch	30 00	per gross.
1 gross flat second-cut files, 8-inch	36 00	per gross.
1 gross flat second-cut files, 8-inch, safe-edge	12 00	per gross.
1 gross second-cut hand files, 8-inch	18 00	per gross.
1 gross smooth hand files, 8-inch	12 00	per gross.
1 gross straight square files, 8-inch	6 00	per gross.
1 gross bastard hand files, 6-inch	12 00	per gross.
3 gross flat bastard files, 6-inch	6 00	per gross.
$\frac{1}{2}$ gross mill-saw files, 6-inch	12 00	per gross.
1 gross half-round bastard files, 6-inch	18 00	per gross.
$\frac{1}{2}$ gross half-round second-cut files, 6-inch	24 00	per gross.
$\frac{1}{2}$ gross half-round smooth files, 6-inch	12 00	per gross.
$\frac{1}{2}$ gross round bastard files, 6-inch	24 00	per gross.

1 gross round files, 6-inch	\$6 00	per gross
$\frac{1}{2}$ gross square bastard files, 6-inch	24 00	per gross.
2 gross flat bastard files, 6-inch	6 00	per gross.
3 gross three-square taper files, 6-inch	6 00	per gross.
$\frac{1}{4}$ gross flat second-cut files, 6-inch	20 00	per gross.
$\frac{1}{2}$ gross hand second-cut files, 6-inch	12 00	per gross.
$\frac{1}{4}$ gross flat second-cut files, 4-inch	18 00	per gross.
$\frac{1}{2}$ gross mill-saw files, 4-inch	16 00	per gross.
1 gross half-round files, 4-inch	12 00	per gross.
$\frac{1}{2}$ gross half-round second-cut files, 4-inch	18 00	per gross.
$\frac{3}{4}$ gross round bastard files, 4-inch	24 00	per gross.
$\frac{1}{4}$ gross square bastard files, 4-inch	18 00	per gross.
$\frac{1}{2}$ gross three-square taper files, 4-inch	12 00	per gross.
$\frac{1}{4}$ gross round bastard files, 3-inch	18 00	per gross.
$\frac{1}{4}$ gross square bastard files, 3-inch	18 00	per gross.
1 gross flat bastard files, 3-inch	12 00	per gross.
$\frac{1}{2}$ gross half-round bastard files, 3-inch	12 00	per gross.
4 gross three-square taper files, 3-inch	10 00	per gross.
6 gross pit-saw files, assorted	24 00	per gross.
5 gross "Stubb's" double-cut hand-saw files, 3 to 5-inch	24 00	per gross.
5 gross "Stubb's" single-cut hand-saw files, 3 to 5-inch	18 00	per gross.

All the above files to be of the best quality. To be delivered as required.

JOHN H. BAILEY. DATE OF CONTRACT, OCTOBER 15, 1862.

Class No. 15, paints, oils, and glass. Miscellaneous.

3,000 pounds pure white lead, ground in oil	\$0 07	per pound.
7,600 pounds pure dry white lead	09	per pound.
500 pounds zinc white paint	07	per pound.
3,500 pounds whiting	01	per pound.
500 pounds French yellow	01 $\frac{1}{4}$	per pound.
200 pounds dry red lead	07	per pound.
300 pounds litharge	09	per pound.
100 pounds lampblack	10	per pound.
10 pounds burnt umber, in oil	10	per pound.
200 pounds Venetian red, in oil	01 $\frac{1}{2}$	per pound.
20 pounds Indian red	10	per pound.
100 pounds chrome green	20	per pound.
20 pounds chrome yellow	10	per pound.
100 gallons benzine	50	per gallon.
600 gallons linseed oil, raw	1 00	per gallon.
3 pounds vermilion	2 00	per pound.
3 pounds Prussian blue	50	per pound.
3 pounds ultra marine blue	1 00	per pound.
100 gallons spirits turpentine	1 50	per gallon.
20 gallons pure English coach varnish	2 50	per gallon.
50 gallons demar varnish	50	per gallon.
20 gallons alcohol	50	per gallon.
10 gallons zinc dryer	50	per gallon.
1 glaziers' diamond	2 00	each.
10 spatulas, assorted	10	each.
10 putty knives	20	each.
575 lights first quality double thick 12 by 20 glass	20	per light.
40 lights first quality double thick 10 by 20 glass	16	per light.

700 lights first quality double thick 11 by 16 glass	\$0 15	per light.
1,047 lights first quality double thick 10 by 16 glass	10	per light.
150 lights first quality double thick 11 by 13 glass	08	per light.
150 lights first quality double thick 10 by 14 glass	12	per light.
1,500 lights first quality double thick 10 by 13 glass	10	per light.
250 lights first quality double thick 9 by 13 glass	10	per light.
400 lights first quality double thick 8 by 10 glass	07	per light.

To be delivered as required.

H. G. WILLS & Co. DATE OF CONTRACT, OCTOBER 11, 1862.

Class No. 16, ship-chandlery. Miscellaneous.

400 pounds white chalk	\$0 04	per pound.
10 pounds red chalk	05	per pound.
10 dozen corn brooms	4 50	per dozen.
4 dozen birch brooms	8 00	per dozen.
2 dozen scrub brooms	3 75	per dozen.
4 dozen whitewash brushes	25 00	per dozen.
1 dozen long-handled floor brushes	12 00	per dozen.
3 dozen dust brushes	9 00	per dozen.
6 dozen dust brushes, for moulder's use	10 00	per dozen.
5 dozen glue brushes	6 00	per dozen.
1 dozen cattle brushes	6 00	per dozen.
4 dozen flue brushes	2 00	per dozen.
4 dozen 0000 first quality paint brushes	12 00	per dozen.
4 dozen 000 first quality paint brushes	15 00	per dozen.
4 dozen sash tools, Nos. 5 and 6	3 00	per dozen.
4 dozen paint dusters	9 00	per dozen.
1 blender	1 50	each.
10 pounds mop yarn	50	per pound.
1 dozen ox cards	8 00	per dozen.
300 feet oars, in lengths as required	20	per foot.
5 barrels soft turpentine	5 00	per barrel.
10 barrels Wilmington tar	4 50	per barrel.
10 barrels pitch	4 50	per barrel.
10 barrels bright varnish	12 00	per barrel.

To be delivered as required.

Class No. 17, hardware. Miscellaneous.

12,000 pounds sheet lead, 3 and 5-pound	\$0 09½	per pound.
2,000 pounds sheet copper, assorted sheets	15	per pound.
500 pounds sheet zinc	10	per pound.
100 pounds sheet brass	12	per pound.
100 pounds lead pipe	10	per pound.
5,000 pounds old copper	25	per pound.
500 pounds slab zinc	07	per pound.
10 pounds copper wire	40	per pound.
10,000 copper tacks	25	per M.
25,000 iron tacks	15	per M.
2,000 iron brads	25	per M.
8 pigs banca tin, say 600 pounds	40	per pound.
200 pounds iron steam pipe, 1 inch diameter	25	per pound.
200 pounds iron steam pipe, 1½ inch diameter	10	per pound.

290	pounds iron steam pipe, 1½ inch diameter...	\$0 10	per pound.
300	pounds iron steam pipe, 2 inch diameter....	15	per pound.
50	feet brass tubing, 1 inch diameter	50	per foot.
50	feet brass tubing, ½ inch diameter	1 00	per foot.
50	feet brass tubing, ¼ inch diameter	1 00	per foot.
2	boxes charcoal tin plate, XX, 14 by 20 inches	3 00	per box.
2	boxes charcoal tin plate, XX, 12 by 17 inches	2 50	per box.
2	boxes charcoal tin plate, D C	15 00	per box.
3	boxes best quality roofing tin, 14 by 20 inches	15 00	per box.
10,000	Nos. black lead crucibles, assorted	08	per number.
3	Fairbank's rolling scales, capacity 1,000 pounds	25 00	each.
1,000	pounds cotton waste	30	per pound.
50	pounds wool waste	30	per pound.
250	pounds refined borax	30	per pound.
1	dozen ox shoer's rasps	1 00	per dozen.
4	ox yokes and bows	1 00	each.
24	ox chains	1 00	each.
8	reams Sibley's emery cloth, assorted	12 00	per ream.
2	reams crocus cloth	10 00	per ream.
50	pounds pulverized quartz	04	per pound.
20	pounds pumice stone, lump	01	per pound.
15	pounds pumice stone, pulverized	01	per pound.
2	barrels refined rosin	2 00	per barrel.
50	pounds shellac	02	per pound.
10	pounds sal soda	02	per pound.
25	pounds sal ammoniac	03	per pound.
25	pounds antimony	02	per pound.
30	pounds potash	01	per pound.
1	barrel molasses	10 00	per barrel.
3	barrels soft soap	9 00	per barrel.
4	barrels rye meal	50	per barrel.
2	barrels pipe clay	50	per barrel.
2	barrels best beef tallow	30 00	per barrel.
6	barrels sour flour	7 00	per barrel.
1	carboy nitric acid, (150 pounds)	01	per pound.
2	carboys muriatic acid, (300 pounds) ..	01	per pound.
4	carboys sulphuric acid, (600 pounds)	01½	per pound.
1	dozen lanterns, per sample	1 00	per dozen.
2	dozen lantern globes, per sample	1 00	per dozen.
6	pairs hand bellows	25	per pair.
2	dozen coal shovels	15 00	per dozen.
6	dozen steel railroad shovels	12 00	per dozen.
6	dozen steel hoes	1 00	per dozen.
3	dozen crowbars	6 00	per dozen.
4	dozen rubber valves, for Sibley's steam pump	1 00	per dozen.
5	dozen Scotch glass water-gauge tubes, 9 inch diameter, 12 inches long	1 00	per dozen.
4	steam gauges, Ascroft's	1 00	each.
1	dozen spirit levels, 2 feet long	1 00	per dozen.
1	dozen tubes, for spirit levels	50	per dozen.
6	papers Hawkins's iron jack chain, Nos. 8 to 14	25	per paper.
4	pairs blacksmith's bellows, 4 feet long	2 00	per pair.
12	Porter's patent forge tuyers	1 00	each.
2	mill-saws	4 50	each.

2 dozen handsaws	\$15 00	per dozen.
3 dozen Stubs's hack-saws, 14 inches	1 00	per dozen.
3 dozen Stubs's hack-saws, 12 inches	1 00	per dozen.
4 wood saws, with frames	1 50	each.
4 dozen moulder's riddling sieves, brass, as- sorted	1 00	per dozen.
75 square feet hair felting	10	per square foot.
15 sets linings for "McGee," "Stanly," and "Ruby," stoves	10	per set.
12 grates for Ohlson's ranges	50	each.
20 square feet soapstone for linings	12	per square foot.
6 Ohio grindstones, 4 feet diameter, 6 inches thick	4 00	each.
2 Ohio grindstones, 3½ feet diameter, 4 inches thick	5 00	each.
10 pounds beeswax	50	per pound.
3 pairs plyers, flat, 7 inches long	25	per pair.
3 pairs plyers, round, 7 inches long	25	per pair.
4 pairs cutting plyers, 12 inches long	25	per pair.
6 belt punches, assorted	50	each.
2 pairs tinnern's shears, No. 1	1 00	per pair.
6 hand vices, large	5 00	each.
12 bench anvils, steel faces, 20 to 30 pounds each	3 50	each.
8 pairs snips, No. 6	10	per pair.
2 planishing stakes	1 00	each.
2 crease stakes, steel faces, large size	5 00	each.
8 riveting sets, 4 sizes	50	each.
5 dozen Coe's monkey wrenches, assorted	15 00	per dozen.
8 dozen water-pails	4 00	per dozen.
6 axes	2 00	each.
12 hatchets	1 00	each.
12 iron mortise locks, complete	1 00	each.
12 store-door locks	2 00	each.
12 store-dock latches	1 00	each.
3 smoothing planes	50	each.
3 fore planes	1 00	each.
3 jack planes	1 00	each.
2 sets plane irons for Woodworth's planer	1 00	per set.
6 boiler mouths	50	each.
6 boiler doors	50	each.
10 dozen stone lines	1 00	per dozen.
1 dozen chalk lines	2 00	per dozen.
10 dozen brick lines	3 50	per dozen.
20 pounds twine	25	per pound.
40 yards hair-cloth	15	per yard.
6 dozen ship scrapers	5 00	per dozen.
3 dozen double-lipped centre plugging bits	50	per dozen.
1 dozen sledge hammers	2 00	per dozen.
2 dozen hand hammers	1 00	per dozen.
3 pairs large shears for cutting paper	1 50	per pair.
6 pairs lamp scissors	50	per pair.
20 pounds wicking yarn	10	per pound.
6 Douglass's iron pumps, No. 2	5 00	each.
1 dozen wire door-springs	6 00	per dozen.
100 gross iron screws, assorted	1 00	per gross.

400 pairs iron window pulleys	\$0 10	per pair.
50 pairs iron butt hinges	20	per pair.
125 pounds cotton sash cord	20	per pound.
124 brass sash fastenings	10	each.
1, 000 feet safety blasting fuze	2 00	per M feet.
50 pounds glue	20	per pound.

To be delivered as required.

HALL L. DAVIS. DATE OF CONTRACT, OCTOBER 7, 1862.

Class No. 18, stationery. Miscellaneous.

20 reams ruled foolscap regulation paper, per sample	\$4 50	per ream.
15 reams ruled letter paper	3 00	per ream.
12 reams ruled note paper	1 50	per ream.
3, 000 document envelopes, assorted sizes	3 50	per M.
2, 000 letter envelopes, assorted sizes	2 00	per M.
2 reams envelope paper	3 50	per ream.
1 ream blotting board, thick	5 00	per ream.
14 gross M. L. Leman's commercial pens	50	per gross.
6 gross Gillott's pens, Nos. 303, 351, and 434	1 00	per gross.
6 gross Myer Phineas's patent double-spring pens	1 00	per gross.
4 dozen pen-holders	75	per dozen.
2 gross Faber's octagon drawing pencils, Nos. 3, 4, 5, "H. B.," and "6 H.," assorted	5 50	per gross.
4 gross lead pencils	2 75	per gross.
6 gallons Maynard & Noyes's writing ink, in bottles	1 00	per gallon.
2 quarts carmine ink, best quality, in bottles ..	62	per quart.
1 gallon black sand, in papers	25	per gallon.
1 pound red wafers	25	per pound.
1 pound red sealingwax	25	per pound.
6 dozen pieces India-rubber	30	per dozen.
12 almanacs, 1863, common	04	each.
1 dozen pieces emery-mixed rubber	40	per dozen.
12 dozen pieces red tape	15	per dozen.
8 dozen pieces silk taste	1 50	per dozen.
12 dozen memorandum books, assorted, per sample	2 00	per dozen.
6 six-quire requisition books, per sample	2 00	each.
2 four-quire account books, for constructor, per sample	4 00	each.
6 five-quire account books, ruled and bound, per sample	2 50	each.
6 three-quire blank books, per sample	2 00	each.
12 three-quire time-books, for master workmen, per sample	5 00	each.
1 three-quire requisition book, for paymaster, per sample	2 00	each.
1 account book, ruled and bound, per pattern, civil engineer	5 00	each.
2 reams blanks, for paymaster	4 50	per ream.
1 ream blanks, for constructor	15 00	per ream.
2 reams monthly reports, civil engineer	8 50	per ream.
1 ream invoices, navy storekeeper	4 00	per ream.
1 ream statement of transfers, navy storekeeper ..	4 00	per ream.

1 ream monthly reports, navy storekeeper	4 00	per ream.
1 ream requisitions, navy storekeeper	3 50	per ream.
1 ream orders, navy storekeeper	3 50	per ream.
1 ream vouchers, navy storekeeper	3 50	per ream.
1 ream certificates of inspection, navy store- keeper	4 00	per ream.
$\frac{1}{2}$ ream bills of lading, navy storekeeper	4 00	per ream.
12 sheets pasteboard	10	per sheet.
6 inkstands	50	each.
1 dozen slates	2 50	per dozen.
200 slate pencils	20	per 100.
6 sand boxes	10	each.
12 knives, best quality Congress	1 50	each.
100 goose quills	25	per 100.
6 sheets Whatman's drawing paper, "Uncle Sam"	75	per sheet.
20 sheets Whatman's drawing paper, "antiqua- rian"	60	per sheet.
50 sheets Whatman's drawing paper, "double elephant"	25	per sheet.
50 sheets Whatman's drawing paper, "imperial," double thickness	20	per sheet.
1 roll carton drawing paper, say 40 yards	30	per yard.
50 yards American tracing cloth	35	per yard.
25 sheets tracing paper	12	per sheet.
2 pounds gum-arabic	25	per pound.
12 bottles mucilage	25	per bottle.
4 dozen camel's-hair pencils, large sizes	37	per dozen.
1 dozen sable hair pencils, assorted	50	per dozen.
6 erasers	30	each.
4 metallic tape lines, 2 fifty feet, 2 one hundred feet	1 00	each.
15 dozen drawing pins	25	per dozen.
12 cakes Newman's colors, assorted	50	per cake.
To be delivered as required.		

GEO. A. HAMMOND. DATE OF CONTRACT, OCTOBER 8, 1862.

Class No. 19, firewood. Miscellaneous.

100 cords hemlock wood, dry \$4 64 per cord.
To be delivered as required.

TRICKEY & JEWETT. DATE OF CONTRACT, OCTOBER 8, 1862.

Class No. 20, hay and straw. Miscellaneous.

150 tons hay, loose, for oxen \$13 50 per ton.
To be delivered as required.

GEO. A. HAMMOND. DATE OF CONTRACT, OCTOBER 8, 1862.

Class No. 21, provender. Miscellaneous.

25,000 pounds corn meal \$1 70 per 100 pounds
To be delivered as required.

JOHN M. DAVIS. DATE OF CONTRACT, OCTOBER 10, 1862.

Class No. 22, charcoal. Miscellaneous.

5,000 bushels charcoal \$0 13 per bushel
To be delivered as required.

JOHN R. ELVANS. DATE OF CONTRACT, OCTOBER 6, 1862.

Class No. 23, belting, packing, and hose. Miscellaneous.

400 feet oak-tanned leather belting, sewed, 12 inches wide	\$1 00	per foot.
600 feet oak-tanned leather belting, sewed, 8 inches wide	1 00	per foot.
400 feet oak-tanned leather belting, sewed, 6 inches wide	51	per foot.
400 feet oak-tanned leather belting, sewed, 5 inches wide	35	per foot.
600 feet oak-tanned leather belting, sewed, 4 inches wide	30	per foot.
600 feet oak-tanned leather belting, sewed, 3½ inches wide	30	per foot.
600 feet oak-tanned leather belting, sewed, 3 inches wide	20	per foot.
700 feet oak-tanned leather belting, sewed, 2½ inches wide	20	per foot.
300 feet oak-tanned leather belting, sewed, 2¼ inches wide	10	per foot.
600 feet oak-tanned leather belting, sewed, 2 inches wide	12½	per foot.
300 feet oak-tanned leather belting, sewed, 1½ inch wide	02	per foot.
100 feet oak-tanned leather belting, sewed, 1 inch wide	02	per foot.
4 sides best oak-tanned pump leather	1 00	per side.
4 sides raw hide	50	per side.
300 pounds rubber packing	10	per pound.
400 pounds flax packing	10	per pound.
200 pounds hemp packing	05	per pound.
50 sides lace leather, per sample	1 50	per side.
1,000 feet Boyd's canvas hose, size as required	10	per foot.

To be delivered as required.

H. D. STOVER. DATE OF CONTRACT, OCTOBER 9, 1862.

Class No. 24, sperm and lubricating oils. Miscellaneous.

600 gallons winter-strained sperm oil	\$1 50	per gallon.
400 gallons refined metallic lubricating oil	1 25	per gallon.
1 barrel neatsfoot oil for hose	50 00	per barrel.

To be delivered as required.

PHINEAS DRAKE. DATE OF CONTRACT, OCTOBER 10, 1862.

Class No. 25, iron castings. Miscellaneous.

100,000 pounds iron castings, per pattern	\$0 02½	per pound.
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To be delivered as required.

GEORGE L. TREADWELL. DATE OF CONTRACT, OCTOBER 11, 1862.

Class No. 26, augers. Miscellaneous.

20 dozen ship augers, from $\frac{7}{16}$ to 1 inch, assorted	\$6 00	per dozen.
10 dozen ship augers, from $1\frac{1}{16}$ to $1\frac{1}{2}$ inch, assorted	3 00	per dozen.
5 dozen ship augers, from $\frac{5}{8}$ to $1\frac{1}{4}$ inch, with screws, assorted	9 00	per dozen.

To be delivered as required.

HENRY A. MORSE. DATE OF CONTRACT, OCTOBER 18, 1862.

Class No. 27, anthracite coal. Miscellaneous.

1,000 tons (2,240 pounds) white ash anthracite coal, steamboat size, for engines	\$7 65 per ton.
100 tons (2,240 pounds) white ash anthracite coal, egg size, for stoves	7 65 per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the fifteenth of November, 1862. The contractor is to discharge it into carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy yard scales.

Class No. 28, bituminous coal. Miscellaneous.

350 tons (2,240 pounds) Wigton Broad Top coal for smiths . .	\$7 85 per ton.
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The above coal is to be of the best quality; to be delivered on or before the fifteenth of November, 1862. The contractor is to discharge it into carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy yard scales.

GEORGE ADAMS. DATE OF CONTRACT, OCTOBER 15, 1862.

Class No. 31, composition nails. Miscellaneous.

900 pounds composition slating nails, 1 $\frac{3}{4}$ inch long	\$0 26 per pound.
To be delivered as required.	

JOHN H. BAILEY. DATE OF CONTRACT, OCTOBER 10, 1862.

Class No. 32, machinery and tools. Miscellaneous.

1 Woodman's portable driller, No. 4	\$75 00 each.
2 Horton's screw chucks, 36-inch	175 00 each.
2 Horton's screw chucks, 24-inch	100 00 each.
1 Knowles & Sibley's steam pump, No. 5	350 00 each.
50 bench vices, solid nuts, from 80 to 250 pounds each, (say 8,250 pounds	08 per pound.
1 Moore's large-size double seamer	33 00 each.
2 Dudgeon's hydraulic jacks, 15 tons lift	100 00 each.
4 Gifford's injectors, Nos. 3 and 4	20 00 each.

To be delivered as required.

Schedule of materials required at the United States navy yard, Boston, Massachusetts, for the year ending June 30, 1863.

OAKMAN & ELDRIDGE. DATE OF CONTRACT, OCTOBER 14, 1862.

Class No. 1, bricks.

10, 000 fire-bricks, equal to sample	\$40 00 per M.
500, 000 hard-burnt bricks	5 75 per M.

To be delivered at the navy yard, Boston.

One-fourth part of the above bricks to be delivered within 60 days ; one-fourth within 120 days ; one-fourth within 150 days ; and the balance within six months from and after the date of the contract.

JOHN F. GILINAN. DATE OF CONTRACT, OCTOBER 6, 1862.

Class No. 2, stone.

300 tons foundation stone, 1 foot 6 inches rise, 3 feet wide, and 5 feet long.....	\$1 57	per ton.
500 tons foundation stone, 1 foot 6 inches rise, 2 feet 6 inches wide, 5 feet long.....	1 57	per ton.
5,200 cubic feet granite, in blocks not exceeding 30 cubic feet.....	25	per cubic foot.
500 cubic feet granite, in blocks not exceeding 60 cubic feet.....	35	per cubic foot.
1,200 superficial feet rough hammering.....	10	per sup. foot.
1,000 superficial feet fine hammering.....	30	per sup. foot.
3,000 tons granite block paving.....	1 55	per ton.
500 feet board measure soapstone, thickness as required.....	25	per foot.

To be delivered at the navy yard, Boston.

One-fourth to be delivered within 60 days ; one-fourth within 120 days ; one-fourth within 150 days ; and the balance within 6 months from and after the date of the contract.

TRICKEY & JEWETT. DATE OF CONTRACT, OCTOBER 8, 1862.

Class No. 5, oak and hardwood timber and lumber.

6 cords hickory butts, 6 to 12 feet long, 8 to 12 inches diameter.....	\$12 00	per cord.
2,300 feet (board measure) black walnut boards....	04	per foot.
500 feet (board measure) 2 to 3 inch mahogany..	10	per foot.
1 cord apple tree butts, 5 to 12 feet long, 6 to 12 inches diameter.....	12 00	per cord.
1,000 feet (board measure) 2-inch ash plank.....	03	per foot.
500 feet (board measure) 2½-inch ash plank.....	03	per foot.
2,000 feet (board measure) 2 to 3 inch maple plank	02	per foot.

One-fourth of the above articles to be delivered within 60 days ; one-fourth within 120 days ; one-fourth within 150 days ; and the balance within 6 months from and after the date of contract.

FLINT & HALL. DATE OF CONTRACT, OCTOBER 9, 1862.

Class No. 6, white pine, spruce, juniper, and cypress timber and lumber.

2,000 feet (board measure) extra No. 1 eastern white-pine boards.....	\$40 00	per M feet.
3,000 feet (board measure) No. 1 white-pine boards	40 00	per M feet.
50,000 feet (board measure) No. 2 white-pine boards	30 00	per M feet.
75,000 feet (board measure) No. 3 white-pine boards	16 00	per M feet.
1,000 feet (board measure) extra No. 1 eastern white-pine plank, 2 to 4 inches.....	40 00	per M feet.
3,000 feet (board measure) No. 2 white-pine plank, 2 inches to 3 inches thick.....	30 00	per M feet.

3,000 feet (board measure) No. 3 white-pine plank, 3 inches to 6 inches thick.....	\$25 00	per M feet.
40,000 best shaved cedar shingles.....	2 00	per M.
6,000 feet (board measure) spruce joist, 3 inches by 4 inches.....	5 00	per M feet.
5,000 feet (board measure) spruce joist, 3 inches by 5 inches.....	5 00	per M feet.
5,000 feet (board measure) spruce joist, 3 inches by 6 inches.....	5 00	per M feet.
20,000 feet (board measure) No. 1 spruce boards...	5 00	per M feet.

All the above to be delivered at the navy yard, Boston.

The above timber to be square-edged, straight, and free from sap. All to be delivered within 120 days from and after the date of the contract.

OAKMAN & ELDRIDGE. DATE OF CONTRACT, OCTOBER 14, 1862.

Class No. 7, lime, hair, and plaster. Miscellaneous.

1,000 casks first quality stone lime.....	\$0 65	per cask.
30 bushels long hair.....	10	per bushel.
20 tons (2,240 pounds) kaolin.....	2 00	per ton.
50 tons (2,240 pounds) pipe clay.....	3 00	per ton.
10 barrels calcined plaster.....	1 75	per barrel.

To be delivered as required at the navy yard, Boston.

Class No. 8, cement. Miscellaneous.

250 casks hydraulic cement.....	\$1 25	per cask.
30 casks Roman cement.....	1 25	per cask.

To be delivered as required at the navy yard, Boston.

Class No. 9, gravel and sand. Miscellaneous.

2,500 tons (2,240 pounds) paving gravel.....	\$0 50	per ton.
500 tons (2,240 pounds) building sand.....	70	per ton.
500 tons (2,240 pounds) Mallory's moulding sand, No. 3.....	2 50	per ton.
200 tons (2,240 pounds) beach sand.....	70	per ton.
100 tons (2,240 pounds) fire sand.....	70	per ton.

To be delivered as required at the navy yard, Boston.

SMITH BROS. & CO. DATE OF CONTRACT, OCTOBER 9, 1862.

Class No. 11, iron, iron spikes, and nails. Miscellaneous.

30,000 pounds American iron, round and square, sizes as required, from $\frac{1}{2}$ inch to 5 inches.	\$0 05	per pound.
10,000 pounds American iron, flat, sizes as required, from 1 inch to 6 inches side, and from $\frac{1}{8}$ to $1\frac{1}{2}$ inch thick.....	05	per pound.
3,000 pounds boiler plate iron, sizes as required..	00 $\frac{1}{2}$	per pound.
1,000 pounds Russia sheet iron, sizes as required.	00 $\frac{1}{2}$	per pound.
500 pounds English sheet iron, sizes as required.	08	per pound.
300 pounds iron wire, sizes as required.....	12	per pound.
500 pounds iron finishing nails.....	00 $\frac{1}{2}$	per pound.
100 pounds angle iron.....	01	per pound.
500 pounds hoop iron, assorted.....	01	per pound.

8,000 pounds iron cut nails, 3d to 40d.....	\$0 05	per pound.
30,000 pounds T rolled girder iron, from 10 inches to 24 inches area of section.....	01	per pound.
500 pounds best Norway horse-nail rods.....	00½	per pound.
400 pounds best Norway thimble iron.....	00½	per pound.
50 pounds Swedes nails.....	01	per pound.
100 pounds clout nails.....	00½	per pound.
400 pounds wrought-iron spikes.....	05	per pound.
400 pounds cut-iron spikes.....	05½	per pound.
3,000 pounds Lowmor iron, assorted.....	09	per pound.
To be delivered as required.		

Class No. 12, steel. Miscellaneous.

6,000 pounds best cast steel, sizes as required, flat, square, and round.....	\$0 17½	per pound.
300 pounds German steel.....	00¼	per pound.
1,000 pounds octagon steel.....	05	per pound.
500 pounds hammered steel.....	00½	per pound.
500 pounds steel wire.....	00½	per pound.
500 pounds sheet steel.....	00½	per pound.
400 pounds English blister steel.....	00½	per pound.
To be delivered as required.		

Class No. 13, pig iron. Miscellaneous.

20 tons (2,240 pounds) Scotch pig iron.....	\$1 00	per ton.
50 tons (2,240 pounds) American pig iron, anthracite No. 1.....	36 00	per ton.
25 tons (2,240 pounds) American pig iron, anthracite No. 2.....	20 00	per ton.
10 tons (2,240 pounds) American pig iron, charcoal No. 1.....	20 00	per ton.
10 tons (2,240 pounds) American pig iron, charcoal No. 2.....	10 00	per ton.
To be delivered as required.		

Class No. 14, files. Miscellaneous.

10 dozen 16-inch cast steel flat bastard files.....	\$0 25	per dozen.
10 dozen 14-inch cast steel flat bastard files.....	8 00	per dozen.
100 dozen 12-inch cast steel flat bastard files.....	4 00	per dozen.
50 dozen 10-inch cast steel flat bastard files.....	50	per dozen.
10 dozen 8-inch cast steel flat bastard files.....	10	per dozen.
10 dozen 6-inch cast steel flat bastard files.....	10	per dozen.
10 dozen 4-inch cast steel flat bastard files.....	10	per dozen.
20 dozen 16-inch cast steel flat bastard files, 2d cut	2 00	per dozen.
10 dozen 14-inch cast steel flat bastard files, 2d cut	3 00	per dozen.
25 dozen 12-inch cast steel flat bastard files, 2d cut	8 00	per dozen.
20 dozen 10-inch cast steel flat bastard files, 2d cut	30	per dozen.
10 dozen 8-inch cast steel flat bastard files, 2d cut	1 00	per dozen.
6 dozen 6-inch cast steel flat bastard files, 2d cut	10	per dozen.
6 dozen 4-inch cast steel flat bastard files, 2d cut	10	per dozen.
3 dozen 14-inch cast steel flat smooth files.....	8 00	per dozen.
10 dozen 12-inch cast steel flat smooth files.....	5 00	per dozen.
6 dozen 10-inch cast steel flat smooth files.....	1 00	per dozen.
4 dozen 8-inch cast steel flat smooth files.....	10	per dozen.

4 dozen	6-inch cast steel flat smooth files	\$0 10	per dozen.
4 dozen	4-inch cast steel flat smooth files	10	per dozen.
6 dozen	14-inch cast steel flat dead smooth files . .	1 00	per dozen.
6 dozen	12-inch cast steel flat dead smooth files . .	1 00	per dozen.
3 dozen	16-inch cast steel flat hand bastard files . .	1 00	per dozen.
3 dozen	14-inch cast steel flat hand bastard files . .	12 00	per dozen.
20 dozen	12-inch cast steel flat hand bastard files . .	7 00	per dozen.
10 dozen	10-inch cast steel flat hand bastard files . .	1 00	per dozen.
6 dozen	8-inch cast steel flat hand bastard files . .	50	per dozen.
3 dozen	6-inch cast steel flat hand bastard files . .	25	per dozen.
3 dozen	4-inch cast steel flat hand bastard files . .	10	per dozen.
3 dozen	14-inch cast steel flat hand 2d cut files . .	12 00	per dozen.
10 dozen	12-inch cast steel flat hand 2d cut files . .	5 00	per dozen.
10 dozen	10-inch cast steel flat hand 2d cut files . .	2 00	per dozen.
6 dozen	8-inch cast steel flat hand 2d cut files . .	10	per dozen.
6 dozen	6-inch cast steel flat hand 2d cut files . .	10	per dozen.
4 dozen	4-inch cast steel flat hand 2d cut files . .	10	per dozen.
1 dozen	14-inch cast steel files, flat hand smooth . .	15 00	per dozen.
3 dozen	12-inch cast steel files, flat hand smooth . .	8 00	per dozen.
3 dozen	10-inch cast steel files, flat hand smooth . .	2 00	per dozen.
3 dozen	14-inch cast steel files, bastard equalling . .	2 00	per dozen.
3 dozen	12-inch cast steel files, bastard equalling . .	3 00	per dozen.
3 dozen	10-inch cast steel files, bastard equalling . .	4 00	per dozen.
3 dozen	8-inch cast steel files, bastard equalling . .	10	per dozen.
3 dozen	12-inch cast steel files, 2d cut bastard equalling	10	per dozen.
3 dozen	10-inch cast steel files, 2d cut bastard equalling	10	per dozen.
3 dozen	8-inch cast steel files, 2d cut bastard equalling	10	per dozen.
3 dozen	6-inch cast steel files, 2d cut bastard equalling	10	per dozen.
3 dozen	4-inch cast steel files, 2d cut bastard equalling	10	per dozen.
6 dozen	16-inch cast steel square bastard files . . .	10	per dozen.
6 dozen	14-inch cast steel square bastard files . . .	3 00	per dozen.
6 dozen	12-inch cast steel square bastard files . . .	2 00	per dozen.
6 dozen	10-inch cast steel square bastard files . . .	1 00	per dozen.
6 dozen	8-inch cast steel square bastard files . . .	50	per dozen.
6 dozen	6-inch cast steel square bastard files . . .	30	per dozen.
6 dozen	4-inch cast steel square bastard files . . .	20	per dozen.
6 dozen	16-inch cast steel round bastard files . . .	2 00	per dozen.
6 dozen	14-inch cast steel round bastard files . . .	6 00	per dozen.
6 dozen	12-inch cast steel round bastard files . . .	6 00	per dozen.
6 dozen	10-inch cast steel round bastard files . . .	1 00	per dozen.
6 dozen	8-inch cast steel round bastard files . . .	4 00	per dozen.
6 dozen	6-inch cast steel round bastard files . . .	2 00	per dozen.
6 dozen	5-inch cast steel round bastard files . . .	10	per dozen.
3 dozen	14-inch cast steel round 2d cut files	3 00	per dozen.
3 dozen	12-inch cast steel round 2d cut files	7 50	per dozen.
3 dozen	10-inch cast steel round 2d cut files	1 00	per dozen.
3 dozen	8-inch cast steel round 2d cut files	25	per dozen.
10 dozen	14-inch cast steel half round bastard files	8 50	per dozen.
8 dozen	12-inch cast steel half round bastard files	7 50	per dozen.
6 dozen	10-inch cast steel half round bastard files	1 00	per dozen.
4 dozen	8-inch cast steel half round bastard files	50	per dozen.

4 dozen	6-inch cast steel half round bastard files	\$0 25	per dozen.
4 dozen	4-inch cast steel half round bastard files	20	per dozen.
4 dozen	3-inch cast steel half round bastard files	15	per dozen.
6 dozen	14-inch half round 2d cut files	6 00	per dozen.
6 dozen	12-inch half round 2d cut files	8 00	per dozen.
6 dozen	10-inch half round 2d cut files	1 00	per dozen.
6 dozen	8-inch half round 2d cut files	50	per dozen.
6 dozen	6-inch half round 2d cut files	50	per dozen.
6 dozen	4-inch half round 2d cut files	15	per dozen.
6 dozen	3-inch taper saw files	1 00	per dozen.
6 dozen	3½-inch taper saw files	50	per dozen.
6 dozen	4-inch taper saw files	1 25	per dozen.
24 dozen	4½-inch taper saw files	1 50	per dozen.
12 dozen	5-inch taper saw files	2 50	per dozen.
12 dozen	6-inch taper saw files	1 00	per dozen.
24 dozen	7-inch taper saw files	2 00	per dozen.
12 dozen	8-inch taper saw files	50	per dozen.
12 dozen	9-inch taper saw files	50	per dozen.
10 dozen	3-inch pitsaw files	05	per dozen.
12 dozen	3½-inch pitsaw files	05	per dozen.
12 dozen	4-inch pitsaw files	10	per dozen.
24 dozen	4½-inch pitsaw files	10	per dozen.
24 dozen	5-inch pitsaw files	50	per dozen.
24 dozen	5½-inch pitsaw files	2 00	per dozen.
24 dozen	6-inch pitsaw files	50	per dozen.
24 dozen	7-inch pitsaw files	10	per dozen.
24 dozen	8-inch pitsaw files	05	per dozen.
24 dozen	9-inch pitsaw files	05	per dozen.
10 dozen	3-inch Stubb's saw files	25	per dozen.
10 dozen	3½-inch Stubb's saw files	25	per dozen.
10 dozen	4-inch Stubb's saw files	25	per dozen.
10 dozen	4½-inch Stubb's saw files	2 25	per dozen.
10 dozen	5-inch Stubb's saw files	2 50	per dozen.
10 dozen	6-inch Stubb's saw files	05	per dozen.
4 dozen	12-inch cabinet files	8 00	per dozen.
4 dozen	10-inch cabinet files	3 00	per dozen.
4 dozen	8-inch cabinet files	25	per dozen.
4 dozen	6-inch cabinet files	20	per dozen.
4 dozen	4-inch cabinet files	15	per dozen.
6 dozen	14-inch cast steel mill-saw files	1 50	per dozen.
6 dozen	12-inch cast steel mill-saw files	2 00	per dozen.
6 dozen	10-inch cast steel mill-saw files	1 00	per dozen.
6 dozen	8-inch cast steel mill-saw files	10	per dozen.
6 dozen	6-inch cast steel mill-saw files	10	per dozen.
6 dozen	4-inch cast steel mill-saw files	10	per dozen.
10 dozen	14-inch cast steel rat-tail files	10	per dozen.
8 dozen	12-inch cast steel rat-tail files	1 00	per dozen.
8 dozen	10-inch cast steel rat-tail files	2 00	per dozen.
6 dozen	8-inch cast steel rat-tail files	2 00	per dozen.
4 dozen	6-inch cast steel rat-tail files	2 00	per dozen.
4 dozen	4-inch cast steel rat-tail files	25	per dozen.
4 dozen	14-inch cabinet rasps	5 00	per dozen.
4 dozen	12-inch cabinet rasps	6 00	per dozen.
4 dozen	10-inch cabinet rasps	3 00	per dozen.
6 dozen	8-inch cabinet rasps	10	per dozen.
6 dozen	6-inch cabinet rasps	10	per dozen.

6 dozen 4-inch cabinet-rasps	\$0 10	per dozen.
10 dozen 16-inch horse-rasps	1 00	per dozen.
10 dozen 14-inch horse-rasps	1 00	per dozen.
10 dozen 10-inch horse-rasps	50	per dozen.
10 dozen 12-inch horse-rasps	50	per dozen.
10 dozen 8-inch horse-rasps	05	per dozen.
6 dozen 6-inch horse-rasps	05	per dozen.
6 dozen 4-inch horse-rasps	05	per dozen.
4 dozen 14-inch wood-rasps	2 00	per dozen.
4 dozen 12-inch wood-rasps	50	per dozen.
4 dozen 10-inch wood-rasps	10	per dozen.
4 dozen 8-inch wood-rasps	10	per dozen.
4 dozen 6-inch wood-rasps	10	per dozen.

The above files and rasps to be hand-cut and of the best quality. To be delivered as required.

BANKER & CARPENTER. DATE OF CONTRACT OCTOBER 4, 1862.

Class No. 15, paints, oils, and glass. Miscellaneous.

10,000 pounds pure dry white-lead	\$0 09	per pound.
1,000 pounds white zinc paint, in oil	09	per pound.
500 pounds dry red-lead	08	per pound.
500 pounds litharge	08	per pound.
100 pounds Paris green	00½	per pound.
100 pounds chrome green	00½	per pound.
300 pounds white gum shellac	60	per pound.
20 pounds terra de sienna	00½	per pound.
100 pounds lampblack	00½	per pound.
10 pounds ivory-black	00½	per pound.
50 pounds sal ammoniac	00½	per pound.
500 pounds French yellow	00½	per pound.
1,000 pounds whiting	00½	per pound.
20 pounds chrome yellow	00½	per pound.
10 pounds Prussian blue	00½	per pound.
10 pounds rose pink	00½	per pound.
10 pounds ultramarine blue	00½	per pound.
20 pounds India red	00½	per pound.
15 pounds Chinese vermilion	1 25	per pound.
10 pounds asphaltum	00½	per pound.
600 pounds yellow ochre	00¼	per pound.
50 pounds manganese	00¼	per pound.
100 pounds New Zealand copal gum	16	per pound.
20 pounds ground pumicestone	00½	per pound.
300 gallons spirits turpentine	2 25	per gallon.
20 gallons white demar varnish	1 50	per gallon.
40 gallons coach varnish	2 00	per gallon.
600 gallons English linseed oil	1 00	per gallon.
100 gallons alcohol	70	per gallon.
100 pounds Venetian red	00½	per pound.
2,000 superficial feet first quality double-thick German glass, sizes as required	06	per foot.
2,000 superficial feet first quality single-thick German glass, sizes as required	06	per foot.

To be delivered as required.

SMITH BROS. & Co. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 16, ship-chandlery. Miscellaneous.

200	pounds potash.....	\$0 01	per pound.
100	pounds soda ash.....	06	per pound.
100	pounds antimony.....	01	per pound.
2	carboys nitric acid, (150 pounds).....	00 $\frac{1}{4}$	per pound.
6	carboys sulphuric acid, (900 pounds).....	00 $\frac{1}{4}$	per pound.
2	carboys muriatic acid, (300 pounds).....	00 $\frac{1}{4}$	per pound.
6	dozen brushes, flat paint.....	04	per dozen.
6	dozen brushes, varnish.....	50	per dozen.
30	dozen brushes, paint.....	15 00	per dozen.
10	dozen brushes, paint.....	10	per dozen.
10	dozen brushes, painters' dusting.....	6 00	per dozen.
6	dozen brushes, bench dusting.....	5 00	per dozen.
6	dozen brushes, size dusting.....	10	per dozen.
2	dozen brushes, long-handled sweeping.....	10	per dozen.
3	dozen brushes, blind.....	6 00	per dozen.
4	dozen brushes, sash-tool.....	2 50	per dozen.
4	dozen brushes, best whitewash.....	30 00	per dozen.
4	dozen brushes, whitewash hand.....	2 00	per dozen.
4	dozen brushes, machine.....	1 00	per dozen.
1	dozen brushes, flue.....	10	per dozen.
2	dozen brushes, hand feather-dusting.....	50	per dozen.
1	gross camel's hair brushes, assorted.....	25	per gross.
1	dozen horse-brushes.....	3 00	per dozen.
4	dozen glue-brushes, best quality.....	10	per dozen.
1	set grainers' brushes, best quality.....	10	per set.
1	dozen scrubbing brushes.....	3 00	per dozen.
1	dozen stove-brushes.....	25	per dozen.
1	pound bristles.....	4 00	per pound.
30	2-bushel baskets.....	1 00	each.
1	dozen coalbarrows.....	2 10	each.
10	pounds beeswax.....	50	per pound.
200	pounds borax.....	40	per pound.
20	yards bunting.....	10	per yard.
400	bundles birch brush.....	01	per bundle.
1	pair hand bellows.....	6 00	each.
10	smiths' bellows.....	1 00	each.
1	horse-blanket.....	50	each.
100	pounds brimstone.....	02	per pound.
10	pounds bismuth.....	10	per pound.
40	dozen corn brooms.....	3 50	per dozen.
4	dozen hickory brooms.....	10	per dozen.
4	dozen corn handbrooms.....	10	per dozen.
4	pieces cotton cloth, (120 yards).....	20	per yard.
1, 500	pounds cotton waste.....	25	per pound.
4	pounds candles.....	50	per pound.
500	pounds white chalk.....	05	per pound.
10	pounds chalk, red.....	01	per pound.
6	covers, fly, for horses.....	25	each.
50	pounds copperas.....	01	per pound.
6	cattle-cards.....	10	each.
6	currycombs.....	25	each.
20	barrels sea coal facings.....	1 00	per barrel.

20 barrels Lehigh coal facings	\$3 00	per barrel.
1,000 chisel rods, hickory	2 00	per M.
20 yards cambric	05	per yard.
10 barrels charcoal facings	2 50	per barrel.
30 barrels Lee's distillers	3 00	per barrel.
100 pounds lead, black, pulverized	01	per pound.
10 barrels flour, (sour)	3 00	per barrel.
4 yards fearnought	05	per yard.
6 grindstones, (2,000 lbs.)	02	per pound.
24 oilstones	01	each.
12 scythe-stones	01	each.
100 pounds China glue	01	per pound.
100 pounds Russia glue	20	per pound.
50 pounds fish glue	03	per pound.
2 sets truss-hoops	1 00	per set.
6 dozen handles, hammer	3 50	per dozen.
6 dozen handles, axe	50	per dozen.
6 dozen handles, sledge	3 50	per dozen.
50 dozen handles, file	70	per dozen.
3 pounds lobelia	10	per pound.
3 gallons liniment, horse	10	per gallon.
10 bottles liniment, mustang	10	per bottle.
1 side bellows leather, (6 lbs.)	1 00	per pound.
1 side pump leather, (12 lbs.)	50	per pound.
50 pounds belt leather, oak-tanned	1 00	per pound.
10 sides lace leather	2 50	each.
1 side harness leather, (20 lbs.)	10	per pound.
1 side packing leather, (10 lbs.)	10	per pound.
1 side top leather, (6 lbs.)	10	per pound.
1 side buffalo leather, (10 lbs.)	10	per pound.
10 sides wash leather	20	each.
1 dozen chalklines	10	each.
10 pounds bricklines	05	per pound.
10 pounds grasslines	05	per pound.
4 jars chloride lime	10	each.
50 gallons sour molasses	20	per gallon.
20 barrels ryemeal	2 00	per barrel.
6 barrels oatmeal	20	per barrel.
4 gross matches	1 00	per gross.
4 dozen sheets pasteboard	10	per dozen.
4 dozen sheets parchment	10	per dozen.
300 lead pots, (6,000 Nos.)	07½	per No.
1 barrel pitch	1 00	per barrel.
10 gallons new rum	40	per gallon.
4 barrels rosin	1 00	per barrel.
3 pounds sponge	3 00	per pound.
4 pounds starch	05	per pound.
4 sheepskins	10	each.
100 pounds whale-oil soap	02	per pound.
100 pounds No. — brown soap	02	per pound.
50 pounds salt-water soap	02	per pound.
10 pounds Castile soap	25	per pound.
6 yards cotton velvet	10	per yard.
6 100-feet best oiled measuring tapes	1 50	each.
6 50-feet best oiled measuring tapes	10	each.

10 pounds whipping twine	\$0 20	per pound.
10 pounds cotton twine	10	per pound.
10 pounds flax twine	10	per pound.
3 pounds thread, shoe	20	per pound.
1 pound thread, linen	20	per pound.
100 pounds tallow	09	per pound.
10 M tallies	1 00	per M.
1 barrel tar	1 00	per barrel.
1 barrel turpentine, dry	1 00	per barrel.
10 papers tobacco	10	per paper.
10 pounds wick yarn ..	10	per pound.
10 gross lampwicks	20	per gross.
25 pounds nickel	10	per pound.
25 pounds bismuth	03	per pound.
300 pounds lignumvitæ	01	per pound.
6 yokes, ox, of best quality	2 00	each.
100 pounds of sulphur	05	per pound.
50 feet file-card, for cleaning files	02	per foot.
100 pounds prussiate of potash	01	per pound.
3 bags coarse and fine salt	25	each.
100 pounds curled hair	30	per pound.
All the above articles to be of the best quality, and to be delivered as required.		

Class No. 17, hardware. Micellaneous.

1 anvil, estimated to weigh 150 pounds	\$0 12	per pound.
4 axes, broad	10	each.
5 axes, wood	1 50	each.
3 axes, coopers'	10	each.
3 adzes, carpenters'	50	each.
3 adzes, coopers'	50	each.
6 axes, pick, steel-pointed	05	each.
3 axes, hollow, carpenters'	05	each.
4 dozen bits, auger, centre, assorted	8 50	per dozen.
4 dozen bits, plug, assorted	6 00	per dozen.
3 braces and bits	05	each.
3 bevels, steel-tongued	05	each.
20, 000 brads, iron	20	per M.
10, 000 brads, copper	02	per M.
100 pounds sheet brass	40	per pound.
20 pounds burrs, copper	60	per pound.
10 pounds burrs, iron	00½	per pound.
10 pounds burrs, zinc	00½	per pound.
1 bit-stock, iron	05	each.
10 crowbars, steel-pointed	50	each.
10 dozen chisels, turning	3 50	per dozen.
10 dozen chisels, firmer	1 00	per dozen.
10 dozen chisels, socket	1 00	per dozen.
4 dozen catches, iron	05	per dozen.
6 pairs calipers, to span from 3 to 10 inches ..	1 00	each.
6 pairs calipers, to span from 10 to 30 inches	1 00	each.
4 pairs carpenters' compasses	20	each.
4 pairs coopers' compasses	10	each.
3 pairs calipers	02	each.
300 pounds chain, mule, small	06	per pound.

300 pounds chain, brass, small	\$0 01	per pound.
500 pounds chain, iron, for timber	08	per pound.
1, 000 pounds copper, braziers', assorted	10	per pound.
6, 000 pounds copper, ingot, for castings	03	per pound.
4, 000 pounds composition, old castings	00 $\frac{1}{4}$	per pound.
3 nippers, glaziers'	10	each.
3 nippers, cutting	1 00	each.
1, 000 pounds nuts, iron, assorted	08	per pound.
600 needles, seaming, assorted	03	each.
600 needles, 4-thread, assorted	03	each.
300 needles, marline	04	each.
300 needles, roping	04	each.
3 dozen iron padlocks	5 00	per dozen.
3 dozen brass padlocks	9 00	per dozen.
1 plane, grooving	05	each.
1 set planes, match	4 00	per set.
1 block-plane	1 00	each.
1 plane, plough	50	each.
3 planes, moulding	2 00	each.
3 planes, beading	50	each.
6 planes, jack	1 00	each.
6 planes, smoothing	75	each.
3 planes, coopers'	3 00	each.
3 planes, carpenters', short jointers	1 00	each.
3 planes, carpenters', long jointers	1 00	each.
10 pounds points, glaziers' zinc	09	per pound.
10 plyers, round	50	each.
10 plyers, flat	1 00	each.
10 pincers, round	02	each.
10 pincers, flat	10	each.
6 punches, nail	02	each.
6 punches, spike	02	each.
6 punches, belt	1 50	each.
6 rakes, steel	05	each.
6 rakes, wood, hay	10	each.
30 pounds rivets, hose, copper	02	per pound.
10 pounds rivets, copper, assorted	60	per pound.
10 pounds rivets, iron, coopers'	10	per pound.
10 pounds rivets, boiler, assorted	12	per pound.
10 pounds rivets, zinc, assorted	02	per pound.
10 pounds rivets, brass, assorted	40	per pound.
30 gross screws, iron, assorted	1 50	per gross.
30 gross screws, brass, assorted	1 00	per gross.
30 gross screws, copper-washed, assorted	01	per gross.
6 screws, wood, bench	01	each.
6 screws, hand	1 00	each.
3 saws, crosscut	6 50	each.
3 saws, frame	4 00	each.
3 saws for cutting copper and iron	2 25	each.
6 saws, wood	10	each.
6 saws, mill	3 00	each.
6 saws, hand	2 00	each.
3 saws, compass	10	each.
3 saws, panel	1 00	each.
6 saws, circular, from 6 to 24 inches	6 00	each.

1 saw, welb	\$1 25	each.
1 saw, tenon	1 50	each.
1 saw, dovetail	1 50	each.
6 sieves, brass	3 00	each.
6 sieves, steel	1 50	each.
6 sieves, hair	10	each.
4 pairs shears, tinnors'	10 00	each.
1 pair shears, sheep	10	each.
3 squares, trying	05	each.
3 squares, iron	50	each.
6 squares, steel, (large size)	2 50	each.
4 squares, brass	3 00	each.
3 saw-sets	1 00	each.
3 screwdrivers	25	each.
6 spades, cast steel	10	each.
30 shovels, cast steel	1 20	each.
20 shovels, scoop, cast steel	1 25	each.
10 shovels, long-handled, coal	1 25	each.
4 scythes	50	each.
4 scythe-stones	01	each.
50 scrapers	40	each.
50 pounds soft solder	02	per pound.
3 diamonds, glaziers'	3 00	each.
3 pairs dividers	50	each.
100 pounds emery, assorted	18	per pound.
10 reams emery cloth, (Sibley & Co.'s)	18 00	per ream.
6 reams emery paper, (Sibley & Co.'s)	1 00	per ream.
10 papers escutcheons, brass	01	per paper.
2 dozen fasts, window	01	per dozen.
3 forks, hay	25	each.
3 forks, manure	2 00	each.
6 dozen gouges, turning, assorted	4 00	per dozen.
6 dozen gouges, firmer, assorted	1 00	per dozen.
6 dozen gouges, socket, assorted	10	per dozen.
1 glass bevel, ground	10	each.
6 dozen gimlets, nail	1 00	per dozen.
3 dozen gimlets, spike	1 00	per dozen.
30 pounds glass, ground	02	per pound.
3 gauges, carpenters'	02	each.
1 gauge, steam, (best quality)	20 00	each.
1 gauge, vacuum, (best quality)	20 00	each.
10 hammers, claw, handled	1 12	each.
10 hammers, coppering, handled	75	each.
10 hammers, masons', cast steel, handled	25	each.
6 hammers, sledge, handled	10	each.
10 hammers, tinnors', handled	10	each.
10 hammers, coopers', handled	10	each.
6 hammers, riveting, handled	1 50	each.
6 hammers, saddlers', handled	20	each.
12 hatchets, carpenters', handled	75	each.
4 hatchets, coopers', handled	10	each.
4 hatchets, claw, handled	10	each.
4 dozen hinges, iron, butt, assorted	3 00	per dozen.
3 dozen hinges, brass, butt, assorted	5 00	per dozen.
3 dozen hinges, cupboard, brass	05	per dozen.
6 dozen hinges, drawer, brass	05	per dozen.

6 dozen hooks, brass, assorted	\$0 50	per dozen.
6 dozen hooks, iron, assorted	02	per dozen.
3 dozen hinges, strap	05	per dozen.
3 dozen hinges, flap	10	per dozen.
3 dozen hollow and rounds	1 00	per dozen.
4 dozen hawk-bits	2 00	per dozen.
1 dozen hammers, cupping	10	per dozen.
4 dozen hooks, shave	1 50	per dozen.
3 iron becks	05	each.
3 irons, marking, (coopers')	05	each.
3 irons, flagging, (coopers')	05	each.
1 jointer, coopers', long	10	each.
1 jointer, coopers', short	10	each.
10 jackscrews, per sample	10	each.
6 gross keys, blank	1 50	per gross.
6 knives, for cutting hides	2 50	each.
4 knives, putty	25	each.
4 knives, hollow	10	each.
4 knives, pallet	05	each.
3 knives, drawing	10	each.
24 knives, sail	50	each.
6 knives, shoe	15	each.
6 ladles, iron	20	each.
6 ladles, pitch	1 00	each.
1, 000 pounds lead pipes	11	per pound.
1, 000 pounds lead, sheet	11	per pound.
4, 000 pounds lead, old	00 $\frac{1}{4}$	per pound.
3 locks, mortise	1 00	each.
3 locks, cupboard	1 00	each.
6 locks, 10-inch dead	02	each.
6 locks, iron chest	1 00	each.
6 locks, brass chest	02	each.
6 locks, drawer, brass	75	each.
6 levels, spirit, 3 feet long	05	each.
6 dozen latches, iron	20	per dozen.
4 dozen lanterns, globe	6 00	per dozen.
6 dozen lanterns, horn	1 00	per dozen.
6 dozen lanterns, hand	50	per dozen.
4 pair shears, lamp	10	per pair.
10 reams sandpaper	4 00	per ream.
400 pounds tarred paper	01	per pound.
50, 000 copper tacks, assorted	10	per M.
50, 000 iron tacks, assorted	15	per M.
4, 000 pounds Banca tin	04	per pound.
1 dozen trowels, masons'	10 00	per dozen.
10 boxes tin, (assorted, of any brand)	12 00	per box.
6 thermometers, large	10	each.
3 vices, hand	75	each.
6 vices, bench	5 00	each.
6 vices, chain	10	each.
6 vices, coopers'	01	each.
1 dozen monkey-wrenches	10 00	per dozen.
3 dozen iron screw-wrenches	20 00	per dozen.
1 dozen hand screw-wrenches	20 00	per dozen.
1 dozen pawl-wrenches	40 00	per dozen.
300 pounds wire, brass	20	per pound.

300 pounds wire, copper	\$0 10	per pound.
5,000 pounds zinc, pig	00 $\frac{1}{4}$	per pound.
300 pounds zinc, sheet	14	per pound.
6 picks	10	each.
6 riddles	1 05	each.
300 pounds assorted iron washers	12	per pound.
300 pounds lay-screws	02	per pound.
300 pounds rings, clinch, iron... ..	02	per pound.
200 pounds nuts, iron, pressed	12	per pound.
600 pounds wood screw-bolts	13	per pound.
10,000 iron gimp tacks	02	per M.
4 scales, platform, Fairbanks's, (2,000 pounds)	60 00	each.
1,000 pounds machine bolts, 6-square heads	12	per pound.
2 blockmakers' hatchets	50	each.

All the above articles to be of the best quality, and to be delivered as required.

ABRAM E. CUTTER. DATE OF CONTRACT, OCTOBER 9, 1862.

Class No. 18, stationery. Miscellaneous.

4 almanacs, American	\$1 00	each.
4 almanacs, Boston	20	each.
6 pounds gum arabic	17	per pound.
10 dozen books, small memorandum	2 00	per dozen.
4 dozen books, memorandum, to pattern	10	per dozen.
6 dozen books, constructors' time	6 00	per dozen.
6 books, log, printed to pattern	15	each.
10 books, copying, for storekeeper	17	each.
10 books, copying, for commandant	1 50	each.
10 books, copying, for constructor	10	each.
10 books, requisition	3 50	each.
10 books, for entering bills	75	each.
10 books, for constructors' accounts	06	each.
10 books, for master mechanics' accounts	05	each.
4 books, for inspector of timber	10	each.
4 books, 3-quire account	12	each.
4 books, 4-quire account	2 00	each.
4 books, 6-quire account	2 50	each.
4 books, 8-quire each	10	each.
4 books, transfer account	06	each.
12 books, index	75	each.
24 books, 1-quire	50	each.
3 brushes, copying	10	each.
1 ream bills lading, (ship)	6 50	per ream.
3 reams bills lading, (railroad)	10	per ream.
100 yards tracing cloth, No. 6, 36 inches wide	50	per yard.
100 yards cotton sheeting, $\frac{8}{4}$ wide	04	per yard.
20 cakes carmine	05	each.
1 ream inspector of timber certificates	3 50	per ream.
1 Directory, Boston	1 50	each.
1 Directory, Charlestown	50	each.
4,000 large white envelopes	7 50	per M.
6,000 large buff envelopes	1 25	per M.
3,000 white extra size	10	per M.
4,000 letter envelopes	4 25	per M.
4,000 note envelopes	20	per M.

4 erasers	\$0 50	each.
6 bottles Arnold's fluid, writing	60	each.
6 bottles carmine fluid	50	each.
6 bottles blue ink, (quarts)	05	each.
12 files, foolscap size	1 25	each.
12 files, letter size	10	each.
6 inkstands, per sample	1 25	each.
6 inkstands, common, per sample	02	each.
6 bottles copying ink	1 00	each.
4 dozen bottles black writing ink	2 00	per dozen.
1 dozen bottles red writing ink	12	per dozen.
4 boxes water colors	10	per box.
3 boxes mathematical instruments	12	per box.
1 ream invoices, foolscap	7 50	per ream.
3 reams invoices, letter	3 25	per ream.
1 ream manifests, shipping	12	per ream.
4 dozen bottles mucilage	2 00	per dozen.
30 reams foolscap paper	3 50	per ream.
20 reams letter paper	3 00	per ream.
10 reams note paper	2 00	per ream.
1 ream blotting paper	6 50	per ream.
6 reams log paper	12	per ream.
6 reams cartridge paper	10	per ream.
6 reams wrapping paper	50	per ream.
4 reams roll-cover paper	10	per ream.
8 reams foolscap paper, to pattern	05	per ream.
8 reams letter paper, to pattern	04	per ream.
2 reams oiled paper	10	per ream.
4 reams court-martial paper	2 00	per ream.
2 reams schedule paper	20	per ream.
100 sheets double elephant paper	25	per sheet.
100 sheets single elephant paper	12	per sheet.
100 sheets antiquarian paper	10	per sheet.
20 sheets tracing paper	40	per sheet.
200 sheets imperial drawing paper	02	per sheet.
100 sheets drawing paper, 36 by 44 inches	02	per sheet.
36 penknives, best Congress	1 00	each.
10 penknives, desk	02	each.
4 paper-folders	10	each.
50 gross steel pens, assorted	87	per gross.
10 gross steel pens, Gillott's, No. 3	02	per gross.
10 gross steel pens, amalgam	02	per gross.
30 cards steel pens, assorted	03	per card.
6 dozen penholders	50	per dozen.
20 dozen lead pencils, common	02	per dozen.
40 dozen lead pencils, Faber's	42	per dozen.
2 dozen mould-loft pencils	10	per dozen.
10 boxes swans' quills	02	per box.
10 boxes quill pens	02	per box.
10 cards mapping pens	12	per card.
6, 000 assorted quills	10	per M.
1 dozen pieces English rubber	12	each.
4 Registers, Massachusetts	1 25	each.
3 reams pay-rolls	20	per ream.
3 reams pay-rolls, monthly	20 00	per ream.
3 reams pay-rolls, half-monthly	10	per ream.

3 reams muster-rolls	\$0 12	per ream.
1 ream blank labor reports	10	per ream.
1 ream monthly reports	12	per ream.
4 reams master mechanics' reports	06	per ream.
3 reams clerk of yards' reports	05	per ream.
3 reams daily muster reports	15	per ream.
3 reams receipts	20	per ream.
4 reams requisitions	25	per ream.
3 reams folio post	10	per ream.
1 dozen sand-boxes	75	per dozen.
4 dozen papers sand	50	per dozen.
6 pounds wafers	25	per pound.
4 wafer seals	06	each.
4 pairs shears, large	75	each.
4 pairs shears, small	06	each.
2 reams envelope paper	4 50	per ream.
6 dozen elastic bands	25	per dozen.
4 dozen pieces silk taste	2 00	per dozen.
4 dozen pieces red tape	50	per dozen.
3 pounds twine	20	per pound.
1 ream vouchers, plain	4 50	per ream.
1 ream vouchers, headings	7 50	per ream.
4 pounds sealingwax	20	per pound.
3 pounce-boxes, with pounce	10	each.
2 sets eyelet punches, with eyelets	50	per set.
3 double log-slates	05	each.
3 single log-slates	05	each.
3 porcelain slates	10	each.
6 round ebony rulers	20	each.
6 flat ebony rulers	10	each.
2 Gunter's scales	12	each.
50 drawing pins	01	each.
1 dozen drawing pens	12	per dozen.
4 India ink saucers	10	each.
100 slate pencils	40	per 100.
To conform to the samples in every particular, and to be delivered as required.		

OAKMAN & ELDRIDGE. DATE OF CONTRACT OCTOBER 14, 1862.

Class No. 19, firewood. Miscellaneous.

75 cords pine wood	\$4 50	per cord.
To be delivered as required.		

MULLETT & BRADBURY. DATE OF CONTRACT OCTOBER 8, 1862.

Class No. 20, hay and straw. Miscellaneous.

75 tons (2,000 pounds) best quality timothy hay ...	\$17 00	per ton.
10 tons (2,000 pounds) salt hay	5 00	per ton.
8 tons (2,000 pounds) straw	6 00	per ton.
To be delivered as required.		

JOHN TRICKEY. DATE OF CONTRACT OCTOBER 8, 1862.

Class No. 21, provender. Miscellaneous.

100 bushels northern oats	\$0 55	per bushel.
600 bushels yellow meal	75	per bushel.
100 bushels cracked corn	72	per bushel.
60 bushels shorts	30	per bushel.
5 bushels potatoes	10	per bushel.
5 bushels carrots	10	per bushel.
5 bushels corn, on cob	10	per bushel.
5 bushels oatmeal	10	per bushel.
To be delivered as required.		

K. S. CHAFFEE. DATE OF CONTRACT OCTOBER 8, 1862.

Class No. 22, charcoal. Miscellaneous.

20,000 bushels charcoal, birch or maple	\$0 12	per bushel.
To be delivered as required.		

H. D. STOVER. DATE OF CONTRACT, OCTOBER 9, 1862.

Boston. Class No. 23, belting, packing, and hose. Miscellaneous.

300 pounds gum elastic packing	\$0 80	per pound.
100 yards rubber packing, $\frac{1}{8}$ to $\frac{1}{4}$ inch	3 00	per yard.
100 pounds rubber gaskets	80	per pound.
50 pounds vulcanized gum	90	per pound.
1,000 feet rubber leading hose, 3-ply, 4-ply, and 6-ply, 2 inches diameter	60	per foot.
50 pounds valve gum	90	per pound.
1,200 feet single oak-tanned leather belting, from 1 to 6 inches wide	28	per foot.
500 feet single oak-tanned leather belting, from 6 to 12 inches wide	68	per foot.
300 feet single oak-tanned leather belting, from 12 to 18 inches wide	1 26	per foot.
300 feet single oak-tanned leather belting, from 18 to 24 inches wide	1 90	per foot.
1,200 feet double oak-tanned leather belting, from 1 to 6 inches wide	20	per foot.
500 feet double oak-tanned leather belting, from 6 to 12 inches wide	2 00	per foot.
300 feet double oak-tanned leather belting, from 12 to 18 inches wide	1 00	per foot.
300 feet double oak-tanned leather belting, from 18 to 24 inches wide	2 00	per foot.
1,200 feet J. T. Smith & Co.'s solid-woven 3-ply belting, from 1 to 6 inches wide	01	per foot.
500 feet J. T. Smith & Co.'s solid-woven 3-ply belting, from 6 to 12 inches wide	01	per foot.
300 feet J. T. Smith & Co.'s solid-woven 3-ply belting, from 12 to 18 inches wide	01	per foot.
300 feet J. T. Smith & Co.'s solid-woven 3-ply belting, from 18 to 24 inches wide	01	per foot.

1, 200 feet J. T. Smith & Co.'s solid-woven 4-ply belting, from 1 to 6 inches wide	\$0 01	per foot.
500 feet J. T. Smith & Co.'s solid-woven 4-ply belting, from 6 to 12 inches wide	01	per foot.
300 feet J. T. Smith & Co.'s solid-woven 4-ply belting, from 12 to 18 inches wide	01	per foot.
300 feet J. T. Smith & Co.'s solid-woven 4-ply belting, from 18 to 24 inches wide	01	per foot.
All of the above-named belting to be furnished of the required widths. To be delivered as required.		

MULLETT & BRADBURY. DATE OF CONTRACT OCTOBER 8, 1862.

Class No. 24, sperm and lubricating oils. Miscellaneous.

1, 500 gallons winter-strained sperm oil	\$1 50	per gallon.
200 gallons whale oil	60	per gallon.
10 gallons neatsfoot oil	50	per gallon.
10 gallons sweet oil	10	per gallon.
24 bottles gargling oil	25	per bottle.
To be delivered as required.		

Class No. 25, iron castings. Miscellaneous. No bidder.

1, 000 pounds iron castings, as per patterns	\$0 00	per pound.
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H. G. WILLIS & Co. DATE OF CONTRACT OCTOBER 11, 1862.

Class No. 26, augers. Miscellaneous.

100 dozen ship augers, Hommedieu's, 10,000 eighths	\$0 09	per eighth.
30 dozen treenail augers	8 00	per dozen.
10 dozen Cook's augers	1 00	per dozen.
10 dozen pod augers	1 50	per dozen.
4 dozen screw augers	2 00	per dozen.
To be delivered as required.		

OAKMAN & ELDRIDGE. DATE OF CONTRACT OCTOBER 14, 1862.

Class No. 27, anthracite coal.

4, 000 tons (2,240 lbs.) white-ash Lehigh coal, steam-boat size	\$7 10	per ton.
1, 000 tons (2,240 lbs.) white-ash Lehigh coal, lump size, for foundery	7 10	per ton.
200 tons (2,240 lbs.) red-ash coal, egg size	7 50	per ton.
200 tons (2,240 lbs.) white-ash coal, egg size	7 50	per ton.
For naval hospital, Chelsea:		
80 tons (2,240 lbs.) white-ash egg-size coal	7 50	per ton.

All of the above coal is to be of the best quality of its kind, and to be delivered on or before the first day of December, 1862. The contractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of government scales.

The coal for the hospital is to be delivered at the hospital by the contractor.

Class No. 29, bituminous Cumberland coal.

1, 250 tons Hampshire vein Cumberland coal, (2,240 pounds.) \$8 75 per ton.

To be delivered on or before the first day of December, 1862. The contractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy yard scales.

Class No. 30, semi-bituminous Broadtop coal and Pictou.

1, 000 tons (2,240 pounds) lump Broadtop coal, for smiths' use \$7 00 per ton.
200 tons (2,240 pounds) Pictou coal, for smiths' use. 6 50 per ton.

The above coal to be of the best quality; to be delivered on or before the first day of December, 1862. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weights of the navy yard scales.

ADAMS & JENKINS.

Class No. 33, extension of hospital at Chelsea.

For extending the naval hospital at Chelsea, according to plans and specifications to be seen at the office of the constructing engineer at the navy yard, Charleston, complete \$33, 892 00

Schedule of materials required for the United States navy yard, at Brooklyn, New York, for the year ending June 30, 1863.

MURPHY, NESBIT & Co. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 1, bricks. Miscellaneous.

275, 000 face brick, equal to best Croton, true and smooth face, uniform color, and of regular size, $3\frac{3}{4}$ by $2\frac{1}{2}$ by 8 inches \$8 00 per M.
745, 000 hard-burnt brick, first quality, uniform in size and color, and well burnt 4 50 per M.
4 sets cylinder fire brick, 10 to 16 inches long. 1 00 per set.
1, 500 No. 1 fire-brick, 9 inches long, $4\frac{1}{2}$ inches wide, $2\frac{1}{2}$ inches thick 30 00 per M.
1, 500 fire-brick, such as may be selected 30 00 per M.
15, 000 moulding brick, such as may be selected.. 5 00 per M.

To be delivered as required.

DAVID BABCOCK. NOT EXECUTED.

Class No. 2, stone. Miscellaneous.

2, 500 cubic feet foundation stone, not less than 3 feet square and 1 foot thick \$0 08 per cubic foot.
3, 000 cubic feet foundation stone, not less than 4 feet square 17 per cubic foot.
1, 800 cubic yards building stone, quarried out in regular beds, 10 to 15 inches face, 4 to 10 inches deep, 10 to 18 inches bed 1 25 per cubic yard.

1,500 cubic yards broken stone, for concrete, per sample.....	\$1 50	per cubic yard.
150 square feet dressed flagging, 2 feet 6 inches square by 5 inches thick	50	per square foot.
5,000 square feet dressed flagging, 4 inches thick, 4 feet wide, by not less than 2 feet 6 inches..	19	per square foot.
5,000 square feet dressed flagging, 4 inches thick, 3 feet wide, by not less than 2 feet.....	19	per square foot.
50 tons water paving stones, to be of good and regular shape, not more than 8 inches or less than 6 inches in any direction.....	2 00	per ton.
1,500 lineal feet of dressed blue-stone curbing, 18 inches deep, 4 inches thick.....	20	per lineal foot.
1,500 lineal feet blue gutter stone, 12 inches wide, 4 inches thick.....	14	per lineal foot.

All flagging to be free from holes, out of wind, and of smooth surface.
To be delivered as required.

WATSON & PITTINGER. DATE OF CONTRACT OCTOBER 13, 1862.

Class No. 3, yellow pine timber. Miscellaneous.

30 sticks yellow pine timber, 12 inches square, 30 to 40 feet long.....	\$12 60	each.
150 sticks yellow pine timber, 14 inches square, 45 feet long	25 72	each.
38 pieces yellow pine timber, 10 by 15 inches square, 36 feet long.....	15 70	each.
22 pieces yellow pine timber, 10 by 15 inches square, 42 feet long.....	18 37	each.
22 pieces yellow pine timber, 6 by 12 inches square, 42 feet long.....	7 06	each.
10 pieces yellow pine timber, 6 by 10 inches square, 41 feet long.....	6 15	each.

All to be of the best northern yellow pine; free from sap, shakes, splits, cross grains, large knots, or other defects. The 10 by 15, and other dimension timber, to hold out fully to the sizes given.

To be delivered as required.

Class No. 4, yellow pine lumber. Miscellaneous.

18,000 feet (board measure) northern yellow pine capping, &c., 6 by 12 inches, 25 to 35 feet long	\$34 00	per M.
25,000 feet (board measure) northern yellow pine plank, 1½ inch, not exceeding 5 inches wide, tongued and grooved.....	30 00	per M.
80,000 feet (board measure) 3-inch yellow pine plank, not over 8 inches or less than 6 inches wide	32 00	per M.
75,000 feet (board measure) 2-inch yellow pine plank, 6 inches wide.....	26 00	per M.
1,000 feet (board measure) yellow pine plank, 3 to 4 inches thick	40 00	per M.
1,000 feet (board measure) yellow pine timber, 6 inches square.....	40 00	per M.

delivered as required.

JOSEPH W. DURYEE. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 5, oak and hardwood. Miscellaneous.

6 white-heart hickory butts for handles, 6 to 8 inches diameter, 4 to 6 feet long	\$0 25	each.
30 white-heart hickory butts for handles, 12 inches diameter at large end, 6 to 8 inches at small end, 5 feet long	30	each.
490 bars rough white-heart hickory, for capstan bars, 5½ inches long, 3½ feet square	22	each.
300 cubic feet white oak timber, 12 to 15 inches square, 30 feet long.....	50	per cubic foot.
2, 500 feet (board measure) black walnut, 1 inch thick.....	60 00	per M.
500 feet (board measure) San Domingo mahogany, 1 inch thick.....	150 00	per M.
300 feet (board measure) clear eastern white ash plank, 1½ to 3 inches thick, 12 to 16 feet long	60 00	per M.
1, 500 feet (board measure) white oak plank, 1½ to 5 inches thick, 12 to 16 inches wide, 16 to 20 feet long.....	45 00	per M.
100 feet (board measure) hickory plank, 1 to 3 inches thick, 14 to 18 feet long, 12 to 16 inches wide	60 00	per M.

The hickory bars to be riven from tough young wood. The oak and ash to be sound and free from cross grains, twists, large knots, holes, or other defects. To be delivered as required.

H. G. WILLS & Co. DATE OF CONTRACT OCTOBER 11, 1862.

Class No. 6, white pine, spruce, juniper, and cypress. Miscellaneous.

675 spruce piles, 14 to 16 inch but, 35 to 45 feet long.....	\$6 00	each.
550 spruce piles, 12 to 15 inch but, 25 to 35 feet long.....	2 00	each.
1, 000 spruce dock-logs, 6 to 8 inch but, 20 to 25 feet long.....	2 50	each.
20 sticks white pine timber, 12 by 12 inches, 40 feet long.....	2 50	each.

White pine timber, cut to dimensions.

12 pieces white pine, 10 by 15 inches, 40 feet long.....	7 00	each.
12 pieces white pine, 10 by 15 inches, 25 feet long.....	3 50	each.
24 pieces white pine, 10 by 12 and 10 inches, 24 feet long.....	3 60	each.
12 pieces white pine, 10 by 10 inches, 21 feet long.....	2 90	each.
10 pieces white pine, 8 by 10 inches, 36 feet long	3 50	each.
20 pieces white pine, 8 by 10 inches, 16 feet long	1 20	each.
10 pieces white pine, 8 by 10 inches, 10 feet long	1 70	each.

14	pieces white pine, 6 by 10 inches, 38 feet long	\$2 50	each.
80	pieces white pine, 6 by 9 inches, 25 feet long	1 25	each.
8	pieces white pine, 6 by 8 inches, 33 feet long	4 50	each.
33	pieces white pine, 6 by 8 inches, 24 feet long	2 00	each.
532	pieces white pine, 4 by 15 inches, 34 feet long	1 25	each.
130	pieces white pine, 4 by 14 inches, 36 feet long	2 25	each.
450	pieces white pine, 4 by 14 inches, 21 feet long	1 00	each.
24	pieces white pine, 4 by 10 inches, 10 feet long	60	each.
20	pieces white pine, 4 by 10 inches, 7 feet long	35	each.
266	pieces white pine, 4 by 6 inches, 14 feet long	33	each.
532	pieces white pine, 3 by 12 inches, 34 feet long	1 20	each.
384	pieces white pine, 3 by 12 inches, 25 feet long	90	each.
24	pieces white pine, 3 by 10 inches, 7 feet long	25	each.
84	pieces white pine, 3 by 4 inches, 22 feet long	28	each.
275	pieces white pine, 3 by 4 inches, 18 feet long	65	each.
220	pieces white pine, 3 by 4 inches, 15 feet long	60	each.
7	pieces white pine, 4 by 10 inches, 22 feet long	75	each.
8	pieces white pine, 3 by 10 inches, 22 feet long	75	each.
68	pieces white pine, 3 by 10 inches, 34 feet long	1 20	each.
486	pieces white pine joists, 4 by 6 inches, 15 feet long.....	50	each.
225	pieces white pine timber, 2 by 12 inches, 28 feet long.....	80	each.
12, 000	feet (board measure) white pine joists, 3 by 4 inches, random lengths.....	18 00	per M.
12, 500	feet (board measure) white pine boards, 1-inch, No. 1, dry.....	45 00	per M.
19, 000	feet (board measure) white pine boards, 1-inch, No. 2, dry.....	30 00	per M.
14, 650	pieces Albany plank, 1½-inch, No. 2, 10 inches wide, 12 feet long.....	28	per piece.
1, 500	pieces Albany boards, No. 2.....	30	per piece.
2, 500	feet (board measure) white pine plank, 1½-inch, No. 2.....	35 00	per M.
3, 500	feet (board measure) white pine plank, 2-inch, No. 2.....	25 00	per M.
2, 000	feet (board measure) white pine plank and boards, assorted.....	45 00	per M.
6, 000	feet (board measure) ¾-inch white pine narrow ceiling, tongued and grooved.....	16 00	per M.
30, 000	feet (board measure) 1½-inch white pine mill-worked floor plank, not exceeding 5 inches wide.....	30 00	per M.
8, 000	feet (board measure) 2-inch white pine plank, No. 1, dry.....	50 00	per M.
20, 000	feet (board measure) 2-inch white pine plank, No. 2, dry.....	22 00	per M.
20, 000	feet (board measure) 3-inch white pine stage plank, 30 to 40 feet long, 12 to 15 inches wide.....	20 00	per M.
16, 000	feet (board measure) 2-inch white pine floor plank, 10 inches wide, 16 feet long.....	30 00	per M.
15, 000	feet (board measure) 3-inch white pine floor plank, 10 inches wide, 16 feet long.....	35 00	per M.
1, 000	pieces spruce plank, 1½-inch, 13 to 16 feet long, 9 inches wide.....	20	per piece.

600 pieces spruce plank, 2-inch, 13 to 16 feet long, 9 inches wide.....	\$0 35	per piece.
500 pieces spruce plank, 3-inch, 13 to 16 feet long, 9 inches wide	10	per piece.
100 spruce scaffolding poles, 30 feet long, 8 in butt.	10	each.
50 spruce pike poles.....	10	each.
To be delivered as required.		

Class No. 7, lime, hair, and plaster. Miscellaneous.

500 barrels lime, equal to best Thomaston, put up in barrels well hooped, containing 300 pounds each.....	\$0 90	per barrel.
90 barrels lime, extra quality, for whitewashing...	1 00	per barrel.
110 barrels plaster paris.....	25	per barrel.
25 bushels goats' hair, for plastering.....	05	per bushel.
50 bushels hair, for plastering, best quality.....	30	per bushel.
6 bushels marble dust, sifted.....	25	per bushel.
To be delivered as required.		

MURPHY, NESBIT & Co. NOT EXECUTED.

Class No. 8, cement. Miscellaneous.

4,000 barrels Rosendale cement, equal to Hoffman's fresh ground from hydraulic stone, to be put up in tight barrels, well prepared, and containing 300 pounds each.....	\$0 88	per barrel.
6 barrels Roman cement, in tight barrels, well hooped.....	1 00	per barrel.
To be delivered as required.		

WILLIAM YATES. DATE OF CONTRACT, OCTOBER 25, 1862.

Class No. 9, gravel and sand. Miscellaneous.

100 barrels ground fire clay.....	\$0 75	per barrel.
20 cubic yards fire clay, such as may be selected..	2 00	per cubic yard.
300 cubic yards moulding sand, such as may be selected	1 50	per cubic yard.
30 cubic yards brass moulding sand, such as may be selected	2 00	per cubic yard.
30 cubic yards fire sand, such as may be selected..	2 00	per cubic yard.
30 cubic yards beach sand, such as may be selected	1 00	per cubic yard.
To be delivered as required.		

THOS. THOMAS. DATE OF CONTRACT, OCTOBER 16, 1862.

Class No. 10, slate. Miscellaneous.

350 squares best Susquehanna blue slate, 18 inches long, not less than 9 inches nor more than 12 inches wide, and $\frac{1}{4}$ inch thick	\$5 40	per square.
10 squares best Susquehanna blue slate, 24 inches long, not less than 12 inches nor more than 16 inches wide, from $\frac{1}{4}$ to $\frac{3}{8}$ inch thick	5 40	per square.
To be delivered as required.		

H. D. STOVER. DATE OF CONTRACT, OCTOBER 9, 1862.

Class No. 11, iron, iron spikes, and nails. Miscellaneous.

28,000 pounds best American round iron, $\frac{1}{4}$ to 4 inches diameter.....	\$0 02 $\frac{1}{2}$ per pound.
1,500 pounds best American round iron, assorted sizes.....	06 per pound.
16,000 pounds best American flat iron, $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch thick, $\frac{3}{4}$ to 7 inches wide.....	2 $\frac{1}{2}$ per pound.
2,000 pounds best American flat iron, $\frac{1}{4}$ to 1 inch thick, 6 to 12 inches wide.....	2 $\frac{1}{2}$ per pound.
500 pounds best American flat iron, assorted sizes	06 per pound.
11,000 pounds best American square iron, $\frac{1}{2}$ to 2 inches.....	2 $\frac{1}{2}$ per pound.
1,000 pounds best American square iron, 2 $\frac{1}{4}$ to 5 inches.....	2 $\frac{1}{2}$ per pound.
300 pounds best American square iron, assorted sizes.....	06 per pound.
500 pounds round hammered iron, from 3 to 6 inches.....	0 $\frac{1}{8}$ per pound.
500 pounds square hammered iron, from 1 to 5 inches.....	0 $\frac{1}{8}$ per pound.
1,000 pounds flat hammered iron, from $\frac{1}{2}$ to 2 inches thick, 3 to 8 inches wide.....	0 $\frac{1}{8}$ per pound.
6,000 pounds charcoal boiler-plate iron, 1 to 5 inch, wire gauge, and of such lengths and widths as may be required.....	08 per pound.
2 sheets charcoal boiler-plate iron, thick, $\frac{1}{2}$ -inch, 4 feet by 5 feet 6 inches.....	1 00 per sheet.
2 sheets charcoal boiler-plate iron, thick, $\frac{7}{16}$ inch, 4 feet 6 inches diameter.....	1 00 per sheet.
4 sheets charcoal boiler-plate iron, thick, $\frac{5}{16}$ inch, 4 feet 6 inches by 6 feet.....	1 00 per sheet.
4 sheets charcoal boiler-plate iron, thick, $\frac{3}{8}$ inch, 48 inches diameter.....	1 00 per sheet.
4 sheets charcoal boiler-plate iron, thick, $\frac{3}{8}$ inch, 40 inches diameter.....	1 00 per sheet.
50 tons boiler-plate iron, best quality, such as may be required, (2,240 lbs. to the ton)...	20 00 per ton.
4 tons T iron, (of 2,240 lbs. to the ton,) assorted	60 00 per ton.
1 ton angle iron, (of 2,240 lbs. to the ton,) 1 $\frac{1}{2}$ to 3 inches, and assorted.....	80 00 per ton.
4 bundles Russia sheet iron, Nos. 10 to 20....	25 00 per bundle.
60 bundles sheet iron, best quality, Nos. 14 to 16, wire gauge, 36 by 96, as may be required	45 00 per bundle.
150 sheets sheet iron, 38 by 96, No. 16, wire gauge.....	6 00 per sheet.
100 pounds sheet iron, 12 to 20, wire gauge....	06 per pound.
500 pounds thimble iron, $\frac{3}{16}$ to $\frac{5}{16}$ inch thick, $\frac{1}{2}$ to 2 $\frac{1}{2}$ inches wide.....	0 $\frac{1}{8}$ per pound.
1,000 pounds hoop iron, assorted.....	02 per pound.
100 pounds nail-rod iron.....	06 per pound.
20 sheets (17 pound each) galvanized iron—340 pounds.....	1 00 per sheet.

1, 000 lap-welded iron boiler tubes, such as may be required, from 2 to 6 inches diameter	\$1 00	each.
750 feet American boiler tubes, 7 feet 6 inches, 2 $\frac{1}{4}$ inches diameter, No. 11, wire gauge . .	1 00	per foot.
450 feet American boiler tubes, 7 feet 6 inches, 2 inches diameter, No. 11, wire gauge	1 00	per foot.
5, 000 pounds hand-made iron spikes, 6, 7, 8, and 9 inches long	04	per pound.
6, 000 pounds hand-made iron spikes, 10, 12, 14, and 18 inches long	03	per pound.
3, 000 pounds iron cut spikes, 6 inches	05	per pound.
9, 500 pounds iron cut nails, 4d to 40d	05	per pound.
300 pounds wrought-iron nails, assorted	03	per pound.
600 pounds iron clinch nails, assorted	06	per pound.
300 pounds iron clinch nails, clasp heads, 10d . .	10	per pound.
3, 000 pounds slater's nails, fine assorted	07	per pound.
3, 500 pounds lath nails, fine, 3d	07	per pound.
250 pounds finishing nails, from $\frac{1}{2}$ to 2 inches . .	08	per pound.
200 pounds American made horse-shoe nails	15	per pound.
160 pounds American made ox-shoe nails	10	per pound.
100 pounds stern composition nails, 1 $\frac{1}{2}$ inch and under, head set as may be required	01	per pound.
300 pounds copper nails, 3d, 6d, and 12d	50	per pound.
250 pounds Bointon's hot-pressed wrought-iron square nuts, assorted sizes	14	per pound.
250 pounds Bointon's hot-pressed wrought-iron hexagonal nuts, $\frac{3}{8}$ to 1 inch	18	per pound.
6, 000 pounds iron-boiler rivets, 1 $\frac{1}{2}$ by $\frac{5}{8}$ inch, and over	04	per pound.
50 pounds boiler-plate rivets $\frac{1}{2}$ inch, and under	03	per pound.
100 pounds boiler-plate rivets, $\frac{1}{2}$ inch, and over	06	per pound.
400 pounds sheet-iron rivets, $\frac{1}{2}$ inch, and under . .	04	per pound.
150 pounds iron rivets, assorted	01	per pound.
100 pounds wrought-iron clinch rings, $\frac{3}{16}$ to 1 inch	10	per pound.
The iron to be best American, equal to "Ulster." To be delivered as required.		

Class No. 12, steel. Miscellaneous.

13, 850 pounds best and extra English cast steel, assorted shapes and sizes, as may be required	\$0 17	per pound.
2, 300 pounds German steel, assorted	03	per pound.
2, 400 pounds blister steel, assorted	02	per pound.
850 pounds spring steel, assorted	02	per pound.
300 pounds Damascus steel, assorted	20	per pound.
To be delivered as required.		

ZENO SECOR. DATE OF CONTRACT, OCTOBER 14, 1862.

Class No. 13, pig iron. Miscellaneous.

60 tons No. 1 American anthracite pig iron, 2,240 pounds to the ton	\$23 50	per ton.
To be delivered as required.		

JOSEPH L. SAVAGE. DATE OF CONTRACT, OCTOBER 6, 1862.

Class No. 14, files. Miscellaneous.

6	dozen 20-inch flat bastard files	\$10 per dozen.
6	dozen 18-inch flat bastard files	10 per dozen.
16	dozen 16-inch flat bastard files	11 00 per dozen.
2	dozen 15-inch flat bastard files	10 50 per dozen.
73	dozen 14-inch flat bastard files	10 50 per dozen.
26½	dozen 12-inch flat bastard files	5 50 per dozen.
14½	dozen 10-inch flat bastard files	4 00 per dozen.
8	dozen 8-inch flat bastard files	3 20 per dozen.
6	dozen 6-inch flat bastard files	2 40 per dozen.
4	dozen 4-inch flat bastard files	1 00 per dozen.
1	dozen 3½-inch flat bastard files	25 per dozen.
4	dozen 20-inch half-round bastard files	10 per dozen.
4	dozen 18-inch half-round bastard files	10 per dozen.
12	dozen 16-inch half-round bastard files	12 00 per dozen.
3	dozen 15-inch half-round bastard files	12 00 per dozen.
56	dozen 14-inch half-round bastard files	6 50 per dozen.
32	dozen 12-inch half-round bastard files	6 00 per dozen.
28	dozen 10-inch half-round bastard files	4 25 per dozen.
10	dozen 8-inch half-round bastard files	3 25 per dozen.
8	dozen 6-inch half-round bastard files	2 50 per dozen.
4	dozen 4-inch half-round bastard files	1 00 per dozen.
1	dozen 3½-inch half-round bastard files	25 per dozen.
4	dozen 20-inch hand bastard files	10 per dozen.
4	dozen 18-inch hand bastard files	10 per dozen.
16	dozen 16-inch hand bastard files	12 00 per dozen.
18	dozen 14-inch hand bastard files	12 00 per dozen.
16	dozen 12-inch hand bastard files	25 per dozen.
10	dozen 10-inch hand bastard files	5 00 per dozen.
8	dozen 8-inch hand bastard files	10 per dozen.
6	dozen 6-inch hand bastard files	10 per dozen.
4	dozen 4-inch hand bastard files	10 per dozen.
3	dozen 20-inch flat smooth files	10 per dozen.
3	dozen 18-inch flat smooth files	10 per dozen.
6	dozen 16-inch flat smooth files	10 per dozen.
10	dozen 14-inch flat smooth files	10 00 per dozen.
15	dozen 12-inch flat smooth files	8 00 per dozen.
8	dozen 10-inch flat smooth files	4 00 per dozen.
6	dozen 8-inch flat smooth files	3 00 per dozen.
7	dozen 6-inch flat smooth files	1 00 per dozen.
6	dozen 4-inch flat smooth files	10 per dozen.
3	dozen 20-inch hand smooth files	10 per dozen.
3	dozen 18-inch hand smooth files	10 per dozen.
6	dozen 16-inch hand smooth files	10 per dozen.
8	dozen 14-inch hand smooth files	12 00 per dozen.
8	dozen 12-inch hand smooth files	8 00 per dozen.
8	dozen 10-inch hand smooth files	10 per dozen.
6	dozen 8-inch hand smooth files	4 00 per dozen.
4	dozen 6-inch hand smooth files	10 per dozen.
3	dozen 20-inch half-round smooth files	10 per dozen.
3	dozen 18-inch half-round smooth files	10 per dozen.
6	dozen 16-inch half-round smooth files	10 per dozen.
8	dozen 14-inch half-round smooth files	10 per dozen.
8	dozen 12-inch half-round smooth files	10 per dozen.
8	dozen 10-inch half-round smooth files	\$5 00 per dozen.

8	dozen	8-inch half-round smooth files	4 00	per dozen.
7	dozen	6-inch half-round smooth files	3 00	per dozen.
5	dozen	4-inch half-round smooth files	10	per dozen.
1	dozen	14-inch flat-dead smooth files	20 00	per dozen.
2	dozen	12-inch flat-dead smooth files	15 00	per dozen.
1	dozen	14-inch half-round smooth files	15 00	per dozen.
1	dozen	12-inch half-round smooth files	12 00	per dozen.
3	dozen	20-inch square files	10	per dozen.
3	dozen	18-inch square files	10	per dozen.
8	dozen	16-inch square files	12 00	per dozen.
30	dozen	15-inch square files	10	per dozen.
12	dozen	14-inch square files	7 50	per dozen.
12½	dozen	12-inch square files	5 00	per dozen.
10½	dozen	10-inch square files	4 00	per dozen.
10	dozen	8-inch square files	3 00	per dozen.
6½	dozen	6-inch square files	1 50	per dozen.
4½	dozen	4-inch square files	10	per dozen.
1	dozen	20-inch round files	10	per dozen.
1	dozen	18-inch round files	10	per dozen.
4	dozen	16-inch round files	10	per dozen.
10	dozen	14-inch round files	8 50	per dozen.
16½	dozen	12-inch round files	6 50	per dozen.
9	dozen	10-inch round files	10	per dozen.
8	dozen	8-inch round files	3 50	per dozen.
4	dozen	6-inch round files	2 00	per dozen.
2	dozen	4-inch round files	2 00	per dozen.
2	dozen	3½-inch round files	10	per dozen.
2	dozen	3-inch round files	10	per dozen.
2	dozen	14-inch three-square files	10	per dozen.
2	dozen	12-inch three-square files	10	per dozen.
2	dozen	10-inch three-square files	4 00	per dozen.
6	dozen	8-inch three-square files	5 00	per dozen.
8	dozen	6-inch three-square files	2 00	per dozen.
12	dozen	4-inch three-square files	2 00	per dozen.
3	dozen	16-inch second-cut flat files	10	per dozen.
3	dozen	14-inch second-cut flat files	10	per dozen.
3	dozen	12-inch second-cut flat files	10	per dozen.
3	dozen	10-inch second-cut flat files	05	per dozen.
2	dozen	20-inch parallel square files	10	per dozen.
2	dozen	18-inch parallel square files	10	per dozen.
6	dozen	16-inch parallel square files	10	per dozen.
8	dozen	14-inch parallel square files	10 00	per dozen.
8	dozen	12-inch parallel square files	8 00	per dozen.
9	dozen	10-inch parallel square files	10	per dozen.
6	dozen	8-inch parallel square files	10	per dozen.
4	dozen	6-inch parallel square files	10	per dozen.
3	dozen	8-inch double-cut taper files	4 00	per dozen.
3	dozen	6-inch double-cut taper files	3 00	per dozen.
3	dozen	5-inch double-cut taper files	2 50	per dozen.
3	dozen	4-inch double-cut taper files	2 00	per dozen.
3	dozen	3½-inch double-cut taper files	1 50	per dozen.
3	dozen	3-inch double-cut taper files	1 50	per dozen.
36	dozen	14-inch mill-saw files	6 50	per dozen.
34	dozen	12-inch mill-saw files	5 00	per dozen.
44	dozen	10-inch mill-saw files	4 00	per dozen.
10	dozen	9-inch mill-saw files	\$0 10	per dozen.

34	dozen	8-inch mill-saw files.....	2	25	per dozen.
2	dozen	6-inch mill-saw files.....	1	50	per dozen,
3	dozen	16-inch float files.....		10	per dozen.
9	dozen	14-inch float files.....		10	per dozen.
3	dozen	12-inch float files.....		10	per dozen.
3	dozen	10-inch float files.....		10	per dozen.
2	dozen	8-inch float files.....		10	per dozen.
1	dozen	6-inch ward bastard files.....	2	00	per dozen.
4	dozen	5-inch ward bastard files.....	1	50	per dozen.
4	dozen	4-inch ward bastard files.....	1	00	per dozen.
5	dozen	3-inch ward bastard files.....	1	00	per dozen.
4	dozen	5-inch ward smooth files.....		10	per dozen.
3	dozen	4-inch ward smooth files.....		10	per dozen.
3	dozen	3-inch ward smooth files.....		10	per dozen.
3	dozen	14-inch cabinet makers' rasps, half round,	10	00	per dozen.
4	dozen	12-inch cabinet makers' rasps, half round,		10	per dozen.
5½	dozen	10-inch cabinet makers' rasps, half round,		10	per dozen.
1½	dozen	8-inch cabinet makers' rasps, half round,		10	per dozen.
1½	dozen	6-inch cabinet makers' rasps, half round,		10	per dozen.
4½	dozen	12-inch cabinet makers' wood files.....		10	per dozen.
3	dozen	10-inch cabinet makers' wood files.		10	per dozen.
2½	dozen	8-inch cabinet makers' wood files.....	2	50	per dozen.
1	dozen	6-inch cabinet makers' wood files.....	1	60	per dozen.
7	dozen	14-inch wood rasps, coarse and fine.....		10	per dozen.
3	dozen	12-inch wood rasps.....	6	00	per dozen.
3	dozen	10-inch wood rasps.....	5	00	per dozen.
3	dozen	14-inch wood rasps, coarse.....		10	per dozen.
3	dozen	14-inch shoe rasps.....		10	per dozen.
3	dozen	14-inch horse-shoe rasps.....	12	00	per dozen.
7	dozen	10-inch coarse safe-edge files, parallel edges.....		10	per dozen.
6	dozen	8-inch fine safe-edge files, parallel edges,		10	per dozen.
7	dozen	10-inch coarse half round double-cut files,		10	per dozen.
6	dozen	10-inch fine half round double-cut files,		10	per dozen.
1	dozen	half round stencil files.....	4	00	per dozen.
4	dozen	9-inch hand-saw taper files.....		10	per dozen.
32	dozen	8-inch hand-saw taper files.....		10	per dozen.
47	dozen	7-inch hand-saw taper files.....	2	00	per dozen.
299	dozen	6-inch hand-saw taper files.....		05	per dozen.
3	dozen	5½-inch hand-saw taper files....	2	00	per dozen.
185	dozen	5-inch hand-saw taper files.....		10	per dozen.
3	dozen	4½-inch hand-saw taper files.....	2	00	per dozen.
349	dozen	4-inch hand-saw taper files.....		05	per dozen.
147	dozen	3½-inch hand-saw taper files.....		10	per dozen.
255	dozen	3-inch hand-saw taper files.....		10	per dozen.
15	dozen	2½-inch hand-saw taper files.....	1	00	per dozen.
1	dozen	10-inch rat-tail files.....	8	00	per dozen.
6	dozen	8-inch rat-tail files.....		05	per dozen.
2	dozen	6-inch rat-tail files.....		05	per dozen.
4	dozen	5-inch rat-tail files.....		10	per dozen.
1	dozen	4-inch rat-tail files.....		05	per dozen.
1	dozen	3-inch rat-tail files.....		05	per dozen.
1	dozen	knife files.....	10	00	per dozen.

All to be of the very best quality; and other sizes to be furnished by the contractor at proportionate prices, if required.

To be delivered as required.

C. W. SCOFIELD. DATE OF CONTRACT, OCTOBER 13, 1862.

Class No. 15. Paints, oils, and glass. Miscellaneous.

8,000 pounds white lead, dry.....	\$0 00½	per pound.
9,000 pure white lead, in oil.....	10	per pound.
2,300 pounds red lead, dry.....	09	per pound.
1,000 pounds white zinc, in oil, Polson's best American.	12	per pound.
300 pounds white zinc, dry.....	10	per pound.
1,500 pounds best American brown zinc, in oil.....	00½	per pound.
300 pounds Blake's fire-proof paint, chocolate color...	09	per pound.
600 pounds paint dryer, English.....	12	per pound.
3,600 pounds whiting, best English.....	02	per pound.
800 pounds Paris white.....	00½	per pound.
25 pounds burnt umber, in oil.....	25	per pound.
25 pounds raw umber.....	20	per pound.
25 pounds raw sienna.....	20	per pound.
25 pounds burnt sienna.....	20	per pound.
10 pounds Vandyke brown.....	50	per pound.
175 pounds chrome, green, in oil.....	20	per pound.
190 pounds gum shellac.....	01	per pound.
10 pounds chrome, yellow.....	20	per pound.
10 pounds French yellow ochre.....	10	per pound.
5 pounds Prussian blue.....	1 00	per pound.
620 pounds litharge.....	10	per pound.
20 pounds rotten stone.....	10	per pound.
360 gallons spirits turpentine.....	3 00	per gallon.
880 gallons linseed oil, raw.....	1 20	per gallon.
80 gallons linseed oil, boiled.....	2 00	per gallon.
60 gallons black Japan varnish.....	3 00	per gallon.
30 gallons coach varnish.....	4 00	per gallon.
30 gallons demar varnish.....	10	per gallon.
500 feet double thick glass, 7 by 9 inches.....	10	per foot.
1,250 feet double thick glass, 8 by 10 inches.....	10	per foot.
3,900 feet double thick glass, 9 by 12 inches.....	00½	per foot.
630 feet double thick glass, 10 by 12 inches.....	20	per foot.
750 feet double thick glass, 10 by 14 inches.....	20	per foot.
750 feet double thick glass, 10 by 16 inches.....	00½	per foot.
850 feet double thick glass, 12 by 18 inches.....	00½	per foot.
200 feet double thick glass, 14 by 16 inches.....	30	per foot.
75 feet double thick glass, 14 by 20 inches.....	30	per foot.
2 sheets French plate glass, 22 by 30 inches, ¼ inch thick, for tracing frames, constructing engineer's department.....	5 00	per sheet.
48 sheets rough plate glass, for roof, &c., 4 feet long, 2 feet wide, ½ inch thick.....	05	per sheet.
28 sheets rough plate glass, not to exceed 6 feet long, 3 feet wide, 1 inch thick, in such sizes as may be required.....	05	per sheet.
20 deck lights, 4 inches, Lanergan's.....	70	each.
30 deck lights, 3 inches, Lanergan's.....	60	each.

To be delivered as required.

Class No. 16, ship chandlery. Miscellaneous.

205 gallons alcohol, 95 per cent. proof.....	\$0 75	per gallon.
1, 200 corn brooms.....	20	each.
444 hickory brooms.....	20	each.
240 street brooms, rattan, per sample.....	01	each.
72 rattan brooms, equal to Richmond's.....	60	each.
12 birch brooms.....	20	each.
36 whisk brooms.....	10	each.
9 dozen whitewash brushes, 7-inch.....	16 00	per dozen.
3 dozen hand scrubbing brushes.....	3 00	per dozen.
1 dozen clamp scrubbing brushes.....	01	per dozen.
14 dozen hand dusting brushes.....	4 00	per dozen.
1 dozen marking brushes.....	1 00	per dozen.
38 dozen painter's dusting brushes.....	4 00	per dozen.
1 dozen kalsomine brushes, 8-inch.....	48 00	per dozen.
9 dozen tar brushes, long handles.....	3 50	per dozen.
100 dozen paint brushes, 00.....	01	per dozen.
15 dozen paint brushes, 000 to 00000.....	14 00	per dozen.
8 dozen paint brushes, assorted.....	15 00	per dozen.
85 dozen sash-tool brushes, (French, No. 6).....	4 50	per dozen.
43 dozen sash-tool brushes, (French, No. 4).....	01	per dozen.
20 dozen varnish brushes, (Nos. 4 and 6).....	6 00	per dozen.
24 dozen French fitches.....	2 00	per dozen.
12 dozen paying-tool brushes.....	2 00	per dozen.
4 $\frac{3}{4}$ dozen glue brushes.....	2 00	per dozen.
9 dozen blending brushes, 5-inch.....	01	per dozen.
4 $\frac{1}{2}$ dozen moulding-tool brushes.....	2 50	per dozen.
2 dozen flue brushes, 2 to 6-inch.....	01	per dozen.
2 dozen flue brushes, whalebone, 2 $\frac{3}{4}$ inches diameter, 12 inches long.....	12 00	per dozen.
2 dozen flue brushes, whalebone, 1 $\frac{3}{4}$ inch diameter, 12 inches long.....	9 00	per dozen.
12 dozen camel's-hair lettering pencils.....	1 00	per dozen.
2 dozen sable-hair lettering pencils, black.....	4 00	per dozen.
8 top-graining tool brushes, 2 to 5 inches.....	2 00	each.
4 mottling tool brushes.....	01	each.
2 feather brushes, or dusters.....	1 00	each.
4 dozen horse brushes.....	01	per dozen.
3 sets steel graining combs, English.....	2 00	per set.
4 pairs cart hames.....	50	per pair.
30 pounds beeswax.....	50	per pound.
90 pounds refined borax.....	25	per pound.
4 dozen ox bows.....	4 50	per dozen.
4 pounds Russia bristles.....	01	per pound.
40 yards worsted damask, such colors as required....	01	per yard.
36 tassels to match ditto.....	01	each.
20 yards plush, such colors as required.....	2 00	per yard.
2 pieces binding for ditto.....	1 00	per piece.
12 pieces green worsted binding.....	1 00	per piece.
12 pieces blue worsted binding.....	50	per piece.
10 pieces red worsted binding.....	1 00	per piece.
28 pieces binding, assorted widths and colors.....	01	per piece.
5 pieces red, white, and blue bunting, 18 inches....	6 00	per piece.
4 pieces red, white, and blue bunting, 12 inches....	10 00	per piece.

3 pieces red and white bunting, 9 inches.....	\$2 00	per piece.
9 yards brocatelle.....	2 50	per yard.
2, 375 pounds white chalk.....	02	per pound.
16 pounds red chalk.....	10	per pound.
540 pounds sperm candles.....	01	per pound.
6 bolts cotton canvass, No. 4.....	50	per bolt.
150 pounds spun cotton.....	10	per pound.
300 pounds chloride lime.....	02	per pound.
16 reams emery cloth, assorted, (Sibley & Co's,)....	30 00	per ream.
15 reams crocus cloth, assorted, (Sibley & Co's,)....	10	per ream.
30 yards hair cloth, 30 inches wide.....	4 50	per yard.
15 yards blue and black broadcloth.....	3 50	per yard.
8 dozen India rubber oil cans.....	3 50	per dozen.
2 dozen planished tin oil cans, spring bottoms.....	2 50	per dozen.
200 pounds copperas.....	02	per pound.
200 black lead crucibles, assorted sizes, say 20,000 Nos.	13	per num'r.
30 pieces cord, green, red, and blue.....	75	per piece.
50 pounds sash cord.....	50	per pound.
30 yards buff linen, yard wide, for window shades..	75	per yard.
2 suits India rubber clothing, large size.....	17 50	per suit.
54 pounds emery, assorted.....	12	per pound.
2 gross black upholsterers' frogs.....	50	per gross.
60 yards fine light raven's duck.....	70	per yard.
200 yards Methuen duck, 30 inches wide.....	60	per yard.
254 square yards boiler felting.....	2 50	per sq. yd.
50 barrels sour flour.....	5 00	per barrel.
55 pounds ground glass, assorted.....	01	per pound.
50 yards black gimp.....	01	per pound.
500 pounds Cooper's best white glue.....	01	per pound.
49 dozen hickory hammer handles, 14 to 24 inches..	2 00	per dozen.
34 dozen hickory sledge handles, 24 to 36 inches...	2 00	per dozen.
62 dozen hickory double header handles.....	01	per dozen.
4 dozen hickory pick handles.....	3 00	per dozen.
3 sets truss hoops, 24 inches, riveted.....	1 00	per set.
3 sets truss hoops, 19 inches, riveted.....	1 00	per set.
3 sets truss hoops, 14 inches, riveted.....	10 00	per set.
25 pounds white curled hair.....	1 00	per pound.
8 pairs mortised hubbs, elm, assorted.....	1 00	per pair.
14 dozen brass hand lamps.....	5 00	per dozen.
4 brass globe lanterns, guards and lamps, complete.	2 00	each.
10 gross hanks masons' lines, hemp.....	6 00	per gross.
2 oiled linen tape lines, Spencer, Branning & Co's make, 50 feet long.....	3 00	each.
2 oiled linen tape lines, Spencer, Branning & Co's make, 100 feet long.....	6 00	each.
16 Christeman's metallic tape lines, 50 to 100 feet, as may be selected.....	01	each.
8 dozen flax fishing lines, 150 feet long, each.....	3 00	per dozen.
2 dozen flax fishing lines, 250 feet long, each.....	01	per dozen.
10 dozen chalk lines.....	2 00	per dozen.
6 dozen silk fishing lines, 150 feet long, each.....	01	per dozen.
60 pounds British lustre.....	10	per pound.
6 dozen Kellinger's liniment, quart bottles.....	6 00	per dozen.
1 flask mercury.....	01	per flask.
175 yards muslin, white and brown, yard wide, such such as may be selected.....	10	per yard.

200	seaming needles	\$2 00	per 100.
100	four-thread needles	3 00	per 100.
1	dozen camel's hair striping pencils	2 00	per dozen.
34	reams sand paper, assorted, 0 to 4	25	per ream.
150	pounds potash	12	per pound.
15	pounds prussiate potash	50	per pound.
10	barrels No. 1 rosin, not less than 300 pounds to the barrel	42 00	per barrel.
20	barrels pitch, not less than 300 pounds per barrel	2 00	per barrel.
24	barrels coal tar, not less than 30 gallons per barrel	10	per barrel.
20	barrels thin coal tar, not less than 30 gallons per barrel	10	per barrel.
6	barrels soft, clear turpentine, not less 280 pounds per barrel	3 00	per barrel.
1,000	yards light parcellings	01	per yard.
1,000	yards heavy parcellings	01	per yard.
10	pounds sal ammoniac	15	per pound.
200	pounds glycerine soap	01	per pound.
100	pounds Harrison's marine soap	07	per pound.
50	pounds old castile soap	25	per pound.
660	pounds brown soap	10	per pound.
12	barrels soft soap	5 00	per barrel.
5	pounds pulverized pumice stone	10	per pound.
100	pounds pumice stone, in lumps	01	per pound.
50	pounds rolled brimstone	01	per pound.
1,400	pounds pounds best beef tallow	16	per pound.
10	pounds linen thread, No. 35, assorted colors	1 00	per pound.
6	pounds shoe thread	50	per pound.
14	hanks seine twine	50	per hank.
13	dozen worsted tassels, assorted colors	2 00	per dozen.
24	silk tassels, assorted	50	each.
6	glass tumblers	10	each.
3	cart saddle trees	2 00	each.
60	pounds signal halyard stuff	25	per pound.
1,000	pounds cotton waste for wiping stuff	25	per pound.
40	pounds lamp wick yarn	60	per pound.
250	pounds hemp packing yarn, free from sheaves and knots	25	per pound.
50	pounds hemp seizing stuff, six thread	01	per pound.
50	pounds spun yarn	20	per pound.
108	wheelbarrows, per sample	3 50	each.
10	pounds fine sponge, large pieces	01	per pound.
To be delivered as required.			

Class No. 17, hardware. Miscellaneous.

12	dozen wood axes, cast steel, handled 4½ pounds	12	per dozen.
5	dozen wood axes, cast steel, steel polls, per sample	12	per dozen.
6	junk axes, cast steel	50	each.
29	carpenter's broad axes, handled	10	each.
24	wood axes, cast steel	2 00	each.
17	round axes, handled, Watts & Horton's make	10	each.
7	carpenter's adzes, handled	1 50	each.

1 adze, Watts & Horton's make.....	\$200	each.
18 narrow axes.....	10	each.
4 anvils, cast iron, 250 to 450 pounds each, equal to Star, (say 1,600 pounds).....	01	per pound.
3 anvils, wrought iron, 230 to 250 pounds each.	40 00	each.
6 anvils, wrought iron, steel-faced, 150 to 450 pounds each, (say 1,800 pounds).....	01	per pound.
3 dozen belt awls, assorted.....	1 00	per dozen.
2 dozen brad awls.....	1 00	per dozen.
3 dozen awls, handled.....	1 00	per dozen.
8 iron grate baskets.....	1 00	each.
16 hacksaws, frames and blades, complete, 20 inches.....	10	each.
3 dozen hacksaw blades, 10 to 24 inches, to suit frames.....	6 00	per dozen.
3 wood braces, with 48 bitts, complete.....	1 00	per set.
1 centre-bitt brace and set of bitts, for cooper..	5 00	per set.
1 hand brace and set of bitts, for plumber.....	1 00	per set.
2 dozen Dowling bitts, assorted.....	1 00	per dozen.
30 pairs bellows, (Smith's,) 12, 32, 36, and 40 inches.....	20 00	each.
1 dozen band bolts, iron, 6-inch.....	3 00	per dozen.
100 pounds iron bolts and nuts, assorted sizes....	10	per pound.
250 pounds expanding screw bolts and nuts, as- sorted.....	20	per pound.
200 pounds bolts and nuts, $\frac{1}{4}$ to $\frac{3}{4}$ inch diameter, $1\frac{1}{2}$ to 6 inches long, square heads and nuts.	10	per pound.
200 pounds bolts and nuts, $\frac{1}{2}$ to 1 inch diameter, $2\frac{1}{2}$ to 10 inches long, hexagonal heads and nuts.....	10	per pound.
3 dozen bolts, brass barrel, 6-inch.....	1 00	per dozen.
3 dozen bolts, brass snap, $2\frac{1}{2}$ -inch.....	5 00	per dozen.
3 dozen buttons, plate brass.....	5 00	per dozen.
12 sheets brass, No. 11 to 20, wire gauge.....	10	per sheet.
2 gross rolling buckles, $\frac{5}{8}$ to $1\frac{1}{2}$ -inch.....	1 00	per gross.
3 dozen 2-inch black roller buckles.....	50	per dozen.
3 gross 1-inch to $1\frac{1}{2}$ -inch black roller buckles..	01	per gross.
3 gross $\frac{5}{8}$ -inch to 1-inch harness buckles.....	01	per gross.
3 dozen trace buckles.....	50	per dozen.
4 sheets brass, Nos. 12 and 18.....	6 00	per sheet.
2 balances, spring, to weigh 30 pounds, by ounces.....	3 00	each.
100 pounds bolts, wood screw, 6 inches long.....	12	per pound.
24 sets wheel castors, swivel, iron.....	01	per set.
24 sets socket castors, swivel, iron.....	1 00	per set.
24 sets wheel castors, swivel, brass.....	1 50	per set.
22 pairs callipers, 6 to 12-inch set spring and screw	01	per pair.
42 pairs callipers, cast steel, (ins and outs, or such as may be required).....	01	per pair.
4 gross belt clasps, assorted.....	20	per gross.
20 sets bell carriage, brass, complete.....	01	per set.
2 dozen horse bitts.....	3 00	per dozen.
12 iron braces, Daball's make.....	1 00	each.
4 dozen currying cards.....	2 00	per dozen.
4 dozen currying combs.....	3 00	per dozen.
48 chisels, firmer, $\frac{1}{4}$ to 2-inch.....	01	each.

80 chisels, socket, $\frac{1}{2}$ to 4-inch.....	\$0 50	each.
2 sets firmer chisels, 12 pieces each set.....	01	per set.
1 set turning chisels, 12 pieces.....	15 00	per set.
1 dozen firmer chisels, assorted, handled.....	6 00	per dozen
102 turning chisels, $\frac{1}{4}$ to 2 $\frac{1}{2}$ -inch.....	01	each.
1 chain, (surveyor's,) 50 feet long, No. 18 wire, with spring balance, level, and thermometer, Grumman's patent.....	15 00	each.
10 pairs compasses, spring, 4 to 12-inch, cast steel	01	per pair.
18 pairs compasses, 8-inch set screw, Perry & Wilcox's	01	per pair.
6 pairs steel compasses, 8 to 12-inch.....	1 00	per pair.
100 pounds best white sash cord.....	50	per pound.
6 dozen oil cups, Gee's patent.....	01	per dozen.
6 oil cups, globe, steam metal, No. 2, with air cocks	50	each.
12 oil cups, brass, 1-inch.....	75	each.
$\frac{1}{2}$ dozen steam lubricators, Gee's patent.....	6 00	per dozen.
2 packing cutters, per sample.....	1 00	each.
12 cutters, gun-wad, $\frac{5}{8}$ to $\frac{7}{8}$, for packing.....	15	each.
500 square feet wire cloth, for window screens, $\frac{1}{2}$ to 1 inch, No. 18 wire gauge.....	10	per square foot.
800 pounds black wrought-iron chain, $\frac{3}{16}$ to 1-inch wire gauge.....	20	per pound.
50 yards jack chain.....	06	per yard.
60 fathoms chain, $\frac{5}{8}$ -inch, iron, short link.....	01	per fathom.
100 fathoms chain, $\frac{3}{4}$ -inch, iron, short link.....	01	per fathom.
60 fathoms chain, $\frac{7}{8}$ -inch, iron, short link.....	01	per fathom.
50 fathoms chain, 1-inch, iron, short link.....	01	per fathom.
The chain to be of the best American man- ufacture, from Ulster iron or its equal.		
6 $\frac{3}{4}$ -inch hose bibb cocks, finished.....	2 00	each.
12 $\frac{1}{4}$ -inch bibb cocks, finished.....	01	each.
12 1-inch bibb cocks, finished.....	2 00	each.
12 side lever cocks, wash tray, $\frac{3}{4}$ -inch, right and left hand.....	2 00	each.
6 oil cocks.....	2 50	each.
6 screw air cocks, No. 2.....	3 00	each.
24 stop and waste cocks.....	2 00	each.
4 flange cocks, steam metal, $\frac{1}{4}$ -inch.....	5 00	each.
12 cylinder cocks.....	2 00	each.
6 service cocks, $\frac{3}{4}$ to 1-inch.....	2 00	each.
6 gauge cocks.....	1 50	each.
6 pairs dividers, steel.....	01	per pair.
4 $\frac{1}{2}$ dozen ratchet drills, Packen's patent, assorted Nos	10	per dozen.
2 dozen ratchet drills, Ashcraft's.....	150 00	per dozen.
3 glazier's diamonds, Shaw's patent, with key.	10 00	each.
4 tube expanders, such as may be required....	25 00	each.
6 dozen sash fastenings, brass, Judd's patent, porcelain knobs.....	3 50	per dozen.
12 faucets, water-closet, silver-plated, $\frac{3}{4}$ -inch...	01	each.
4 faucets, silver plated.....	5 00	each.
8 pairs back flaps, iron.....	06	per pair.
6 manure forks.....	1 00	each.
6 hay forks.....	50	each.

2 gongs, 6 inches diameter, stop crank and fixtures complete.....	\$10 00	each.
18 level glasses, ground, English.....	50	each.
1 set hand groovers, 0 to 3.....	10 00	per set.
6 whetstones.....	10	each.
20 grindstones, 5 feet diameter, 6 inches thick, (Berea).....	01	each.
13 grindstones, Ohio, 5 feet 6 inches diameter, 6 inches thick, as may be wanted.....	01	each.
8 grindstones, 5 feet diameter, 5 inches thick, (Berea).....	40 00	each.
6 grindstones, 3½ feet diameter, 4 inches thick, (Berea).....	10	each.
3 grindstones, Ohio, 4 feet 6 inches diameter, 4 inches thick.....	10	each.
3 grindstones, Ohio, 3 feet diameter, 4 inches thick.....	18 00	each.
2 dozen nail gimlets, assorted.....	50	per dozen.
88 socket gouges, ½ to 1¾ inch.....	60	each.
10 flat gouges, 1½ to 2½ inch.....	10	each.
100 turning gouges, ¼ to 2½ inches.....	75	each.
12 sets turning gouges, 12 pieces each.....	10	per set.
36 firmer gouges, 1 to 2½ inches.....	50	each.
1 saw, gunner and sharpener, equal to Barlow's.....	25 00	each.
2 steam gauges, Ashcroft's or Allen's, brass, high pressure, 6-inch, solid face.....	25 00	each.
32 hammers, claw, handled.....	50	each.
12 hammers, tinnern's.....	10	each.
2 hammers, coppersmiths' raising, No. 1 to 4..	3 00	each.
36 hatchets, cast steel, as required.....	1 00	each.
2 square heads.....	5 00	each.
30 dozen pairs iron butt hinges, assorted.....	1 00	per dozen.
27 dozen pairs brass butt hinges, assorted....	2 00	per dozen.
5 dozen steel plantation hoes, per sample.....	10	per dozen.
50 dozen belt hooks, ¾ to 2 inches....	10	per dozen.
3 coopers' beck irons.....	5 00	each.
2 hydraulic jacks, to lift from the ground 7 tons, and run out 24 inches, (Dudgeon's).....	101 00	each.
1 hydraulic jack, 30 tons power, and run out 9 inches, (Dudgeon's).....	200 00	each.
8 hydraulic jacks, to lift from the foot 5 to 16 tons, (Dudgeon's).....	1 00	each.
2 hydraulic jacks, to lift from the foot 50 tons, (Dudgeon's).....	1 00	each.
1 hydraulic jack, (Dudgeon's,) to lift 4 tons; to lift from the foot if required.....	150 00	each.
1 hydraulic jack, (Dudgeon's,) to lift 10 tons; to lift from the foot if required.....	200 00	each.
2 hydraulic jacks, (Dudgeon's,) to lift 15 tons; to lift from the foot if required.....	250 00	each.
1 hydraulic jack, (Dudgeon's,) to lift 40 tons; to lift from the foot if required.....	1 00	each.
1 hydraulic jack, (Dudgeon's,) to lift 70 tons; to lift from the foot if required.....	1 00	each.
3 pitch kettles, to hold 120 gallons each.....	20 00	each.
3 dozen knobs and spindles, mineral, 1¾ to 2¼ inches.....	3 00	per dozen.

4 dozen knobs and spindles, brass, $1\frac{3}{4}$ to 2 inches	\$0 10	per dozen.
3 dozen knobs and spindles, white porcelain, $1\frac{3}{4}$ to $2\frac{3}{4}$ inches	4 00	per dozen.
12 dozen knobs, black walnut and mahogany, assorted sizes	50	per dozen.
3 dozen till lock keys, brass, blank	1 50	per dozen.
3 dozen mortice lock keys, blank	2 00	per dozen.
4 dozen rim lock keys, blank	2 00	per dozen.
6 shaving knives	10 00	each.
$4\frac{1}{2}$ dozen hacking knives	3 00	per dozen.
6 hollowing knives	5 00	each.
6 dozen putty knives	1 50	per dozen.
2 marking knives	1 50	each.
6 shoemakers' knives	25	each.
6 sail knives	25	each.
5 horse-shoe knives	25	each.
1 dozen pallet knives	3 00	per dozen.
2 dozen shoe knives	10	per dozen.
4 drawing knives, 10-inch blades, Horton's or Watt's	1 00	each.
9 iron ladles, 6 to 8 inches	1 00	each.
4 sets letters and figures, steel dies, $\frac{1}{4}$ to 1 inch	10	per set.
5 sets letters and figures, steel dies, such as may be required	10	per set.
100 letters and figures, metal, for patterns, $\frac{1}{2}$ to $1\frac{1}{2}$ inch	10	each.
8 spirit levels, 2 feet 6 inches long, (Lyon's)	1 00	each.
8 dozen brass padlocks, 3 inches, and assorted	10	per dozen.
$12\frac{1}{2}$ dozen iron padlocks, 3 inches, and assorted	5 00	per dozen.
6 dozen chest locks	10	per dozen.
6 dozen rim locks, 6 inches	5 00	per dozen.
6 dozen mortice locks, 4 inches	5 00	per dozen.
4 dozen brass cupboard locks, (Eagle Lock Co.)	3 00	per dozen.
12 dozen brass drawer locks, assorted sizes	10	per dozen.
3 pounds sheet mica, for stoves	1 00	per pound.
1 hand machine for drilling with crank	5 00	each.
3 bolt drawing machines, Wilmarth's patent	10	each.
1 scroll and circular sawing machine, Kalfer's patent	125 00	each.
1 re-sawing machine for sawing wide plank into $\frac{1}{2}$ -inch stuff and upwards	1,300 00	each.
6 saws for the above	25 00	each.
1 boring machine, as per sample	10 00	each.
1 dovetailing machine, No. 3, A. & A. Davis's patent	225 00	each.
1 sifting machine	40 00	each.
1 set sieves for sifting machine, (4 pieces)	10 00	per set.
3 wood-turning lathes, 16 to 20 inches swing, with cast steel arbors and centres, rabbited boxes, centre shaft with cone pulleys, (tight and loose pulleys,) improved hangers; two rest sockets, one long and one short rest, for each lathe	175 00	each.
1 small burr machine	10 00	each.
1 thick edged machine	10 00	each.
14 smoothing planes, double irons	1 00	each.

6 fore planes, double irons	\$1 00	each.
9 jack planes, double irons	1 00	each.
3 match planes, per pattern	2 00	each.
4 stave jointers, (beech wood,) 6 feet long, 5 inches wide on the face, 4 inches thick, double irons, 3½ inches wide, Norton's make	10	each.
6 extra irons, to fit the above	10	each.
2 heading jointers, (beech wood,) 5 feet long, 4½ inches wide on the face, 4 inches thick, double iron, 3 inches wide, (Norton's make)	6 00	each.
6 extra irons, to fit the above	10	each.
5 dozen artisan's lead pencils	50	per dozen.
500 pounds lead pipe, 2½-inch	01	per pound.
600 pounds lead pipe, 2 inches	01	per pound.
1,000 pounds lead pipe, 1-inch	12	per pound.
1,500 pounds lead pipe, ¾-inch, AAA	12	per pound.
600 pounds lead pipe, extra ⅝-inch	01	per pound.
600 pounds lead pipe, extra ½-inch	10	per pound.
2 rolls milled lead, 3 pounds, (say 1,000 pounds)	05	per pound.
20 pairs pincers, assorted	25	per pair.
1 dozen wash-tub plugs, brass	3 00	per dozen.
12 gross pulleys, iron axles, per sample	12 00	per gross.
1¼ dozen cutting plyers, ½ and ¾-inch	6 00	per dozen.
3 pairs pipe plyers, ½, ¾, and 1-inch	2 00	each.
2 dozen plyers, round and flat-nosed, 3 and 5-inch, Stubb's make ..	6 00	per dozen.
1 dozen belt punches	6 00	per dozen.
4 belt punch punches, with six hollow punches each	1 00	each.
3 glue pots, copper, complete	2 00	each.
2 steam pumps, Woodward's, No. 1	125 00	each.
2 steam pumps, Woodward's, No. 2	10 00	each.
1 set hollow punches, ¼ to 2-inch	1 00	per set.
1 20-inch platform folder, Stover's patent	10	each.
1 dozen cutters, 2 feet long, 3½ to 4 inches wide, Wood & Gay's	40 00	per dozen.
1 dozen cutters, 30 inches long, 3½ to 4 inches wide, (H. D. Stover's)	10	per dozen.
1 dozen cutters, 15 inches long, 3½ to 4 inches wide, (H. D. Stover's)	10	per dozen.
12 sets tonguing and grooving cutters, 1¼ to 3¼ inches wide, 5 inches long, (H. D. Stover's)	10	per set.
½ dozen cutters, 8 inches long, 4 to 5 inches wide, Smith's patent planer	10	per dozen.
½ dozen cutters, 6 inches long, 4 to 5 inches wide, Smith's patent planer	10	per dozen.
½ dozen cutters, 4 inches long, 4 to 5 inches wide, Smith's patent planer	10 00	per dozen.
2 dozen wooden rakes, Lyman's	3 00	per dozen.
9 dozen iron rakes, Lyman's	10	per dozen.
½ gross rosettes, for bridles	1 00	per gross.
28 pounds copper rivets and burrs, assorted	10	per pound.
10 pounds copper hose rivets and burrs, assorted	80	per pound.
700 feet wire rope, ¾-inch, and such sizes as required	30	per foot.
48 moulder's riddles or sieves, iron wire, per sample	10	each.

72 moulder's riddles or sieves, brass wire, per sample	\$2 00	each.
12 rivet sets, No. 0 to 5	1 00	each.
4 dozen standard rules, double jointed, 2-foot, box wood	10	per dozen.
3 dozen standard rules, double jointed, 2-foot, box wood	10	per dozen.
5 single jointed 2-foot rules	10	each.
5 double jointed 2-foot rules	1 50	each.
1 dozen contraction rules, box wood	10	per dozen.
1 dozen emery rifles	50	per dozen.
1 blockmaker's bush reamer, 2 feet long, taper from $\frac{1}{4}$ to $\frac{7}{16}$ inch	2 00	each.
1 blockmaker's bush reamer, 2 feet long, taper from $1\frac{1}{4}$ to $\frac{7}{16}$ inch	10	each.
5 pairs scissors, large size	1 00	per pair.
16 pairs tinner's hand shears, assorted	3 00	per pair.
1 pair sheep shears	1 00	per pair.
1 pair bench shears, large	15 00	per pair.
2 jack screws, 3 feet, equal to Ballard's	10	each.
20 jack screws, $1\frac{3}{4}$ -inch screw to run out 20 inches, iron barrel, bell bottom	10	each.
2 dozen hand screws	6 00	per dozen.
6 Jenny Lind screws	10	each.
6 gross iron screws, 4 inches long, $\frac{3}{8}$ -inch diameter (American Screw Company)	10	per gross.
200 gross iron screws, gimlet points, assorted numbers and sizes	4 00	per gross.
100 gross brass screws, gimlet points, assorted numbers and sizes	10	per gross.
6 dozen cabinet maker's hand screws, wood	10	per dozen.
1 dozen bench screws, wood	10	per dozen.
2 dozen door springs, Forrey's patent	6 00	per dozen.
1 dozen sickles	3 00	per dozen.
$\frac{1}{2}$ dozen scythes	10 00	per dozen.
1 dozen scythe stones	50	per dozen.
12 dozen scroll saws, 30 to 36 inches long, $1\frac{1}{4}$ inch wide, ground backs, Wilmarth's make	10	per dozen.
6 dozen scroll saws, 30 to 36 inches long, $\frac{3}{4}$ inch wide, ground backs, Wilmarth's make	15 00	per dozen.
10 dozen scroll saws, 28 to 30 inches long, $\frac{1}{2}$ inch wide, ground backs, Wilmarth's make	10	per dozen.
12 dozen scroll saws, 26 to 28 inches long, $\frac{3}{4}$ inch wide, ground backs, Wilmarth's make	10	per dozen.
12 dozen scroll saws, 19 inches long, $\frac{1}{2}$ inch wide, ground backs, Wilmarth's make	10	per dozen.
12 dozen scroll saws, 19 inches long, $\frac{5}{8}$ inch wide, ground backs, Wilmarth's make	10	per dozen.
6 dozen scroll saws, 19 inches long, $\frac{7}{8}$ inch wide, ground backs, Wilmarth's make	6 00	per dozen.
6 dozen scroll saws, 19 inches long, $1\frac{1}{4}$ inch wide, ground backs, Wilmarth's make	10 00	per dozen.
3 circular saws, 36 inches diameter, No. 6 to 9 gauge, $1\frac{1}{2}$ -inch hole	20 00	each.
3 circular saws, 30 inches diameter, No. 7 to 9 gauge, $1\frac{1}{2}$ -inch hole	12 00	each.

6 circular saws, 24 inches diameter, No. 10 gauge, 1 $\frac{5}{8}$ -inch hole.....	\$0 10	each.
6 circular saws, 18 inches diameter, No. 12 gauge, 1 $\frac{5}{8}$ -inch hole.....	10	each.
6 circular saws, 16 inches diameter, No. 14 gauge, 1 $\frac{5}{8}$ -inch hole.....	10	each.
2 circular saws, 16 inches diameter, No. 14 gauge, 11-inch hole.....	10	each.
2 circular saws, 14 to 20 inches diameter.....	15 00	each.
1 $\frac{1}{2}$ dozen millsaws, 7 feet long, 9 inches wide, No. 7 gauge, (Roland's).....	80 00	per dozen.
2 futtock-saws, 5 feet 2 inches long, 6 inches wide, No. 8 gauge, ground backs, (Roland's)	10	each.
2 futtock-saws, 5 feet 2 inches long, 4 inches wide, No. 8 gauge, ground backs, (Roland's)	10	each.
2 futtock-saws, 5 feet 2 inches long, 3 inches wide, No. 8 gauge, ground backs, (Roland's)	6 00	each.
12 crosscut-saws, 5 $\frac{1}{2}$ feet long.....	10	each.
18 crosscut-saws, 5 feet long.....	5 00	each.
32 crosscut-saw, 4 $\frac{1}{2}$ feet long.....	10	each.
12 hand hacksaws, 12 to 24-inch blade ..	10	each.
81 hand hacksaws, 26-inch blade.....	10	each.
6 hand hacksaws, 20-inch blade.....	6 00	each.
All the above saws to be of Worrall's make.		
25 handsaws.....	1 00	each.
14 tenon-saws.....	10	each.
8 compass-saws.....	50	each.
16 hacksaws and frames, complete, 12-inch blades	1 50	each.
14 bucksaws and frames.....	1 00	each.
2 rigging-saws.....	1 00	each.
12 saw-sets, per sample.....	10	each.
2 saw-sets, lever, per sample.....	1 00	each.
3 sand-screens, fine iron.....	8 00	each.
60 spokeshaves, 3 inches long, 1 inch wide, (Watts & Horton's).....	60	each.
5 dozen cast-steel ship-scrapers.....	10	per dozen.
4 gross improved wrought-iron connecting shackles, $\frac{5}{8}$ -inch, per sample.....	10	per gross.
4 gross improved wrought-iron connecting shackles, $\frac{3}{4}$ -inch, per sample.....	10	per gross.
60 dozen cast-steel shovels, back-strapped, as- sorted.....	15 00	per dozen.
8 dozen cast-steel shovels, scoop, assorted....	15 00	per dozen.
8 dozen spades.....	10	per dozen.
2 brass hand-sieves, 12-inch.....	50	each.
3 dozen steel sofa springs.....	1 00	per dozen.
8 steel springs, elliptic, assorted sizes, 100 pounds each, (800 pounds).....	01	per pound.
3 screw plates and taps (Stubbs's).....	10	per set.
1 screw plate and taps, per sample in chief engi- neer's office.....	10 10	per set.
1 stock and dies, per sample in chief engineer's office.....	10	per set.
4 $\frac{1}{2}$ dozen 2-foot steel squares.....	22 00	per dozen.
2 dozen 2-foot iron squares.....	14 00	per dozen.
26 trying-squares, steel blades, 4 to 12 inches ..	1 00	each.

2 hatchet stakes, Nos. 3 and 6	\$5 00	each.
1 round-head stake, small	2 00	each.
1 teakettle stake, 2 heads	6 00	each.
1 bottom stake, No. 1	1 50	each.
1 creasing stake	5 00	each.
2 pairs swedges	10 00	per pair.
2 candle-mould stakes	10	each.
1 needle-case stake	2 00	each.
2 frog needles	10	each.
10 pounds spelter solder	01	per pound.
150 pounds tinnern's solder	40	per pound.
2 sets stocks and dies, large size, per sample..	10	per set.
1 set stock and dies, to cut from $\frac{1}{4}$ to 1 inch ..	15 00	per set.
2 oilstones, Arkansas	1 00	each.
44 pounds oilstone slips, assorted thicknesses, as may be required	10	per pound.
3 $\frac{1}{2}$ dozen Turkey oilstones	10	per dozen.
60 papers iron cut tacks, assorted	10	per paper.
6 papers iron cut gimp tacks, assorted	10	per paper.
26 papers copper tacks	10	per paper.
1 platform scale, to weigh 1,500 pounds, such as may be selected	30 00	each.
6 dozen sets window-shade trimmings	50	per set.
1 wrought-iron, steel-faced vice, 25 to 250 pounds, per sample	10	each.
29 wrought-iron, steel-faced bench-vices, 25 to 250 pounds, per sample	18 00	each.
4 iron bench-vices, 50 pounds, and over, as may be required	18 00	each.
24 iron bench-vices, parallel, about 90 pounds each, (say 2,160 pounds)	01	per pound.
2 small bench-vices	1 00	each.
5 hand-vices, (Stubbs's)	1 00	each.
9 dozen screw-wrenches, assorted, 6 to 18 inches	18 00	per dozen.
3 $\frac{1}{2}$ dozen screw-wrenches, Hyde's gripping and eccentric	10	per dozen.
5 dozen screw-wrenches, Philips's American, assorted	10	per dozen.
6 $\frac{1}{2}$ dozen screw-wrenches, Baxter's patent	30 10	per dozen.
1 dozen screw-wrenches, Opender slide patent .	10	per dozen.
1 dozen screw-wrenches, Hayden's gripping and eccentric screw-wrenches, assorted	10	per dozen.
200 boxes IX tin	15 00	per box.
50 boxes IC tin, 10 by 14 inches	18 00	per box.
160 boxes IC tin, 14 by 20 inches	11 00	per box.
10 boxes SPX tin	15 00	per box.
10 boxes IXX tin	20 00	per box.
250 pounds Banca tin	40	per pound.
200 pounds sheet zinc, Nos. 16 to 24	12	per pound.
300 pounds slab zinc	01	per pound.
2 water-backs for Mott's range, No. 9	10	each.
1 water-back for European range, commandant's house	12 00	each.
3 sets linings, for 16-inch solar stoves	2 00	per set.
6 sets grates, for 16-inch solar stoves	2 00	per set.
2 sets soapstone linings, for furnace	10	per set.

2 grates for European range, commandant's house	\$5 50	each.
3 sets linings, for Mott's range, No. 9	10	per set.
4 sets linings, for ruby stoves, Nos. 2 and 3	10	per set.
4 grates, for ruby stoves, No. 2 and 3	10	each.
12 sheet-iron cylindrical stoves, lined with soap-stone or fire-brick, meteor gas-burners, or of equal quality, 10 to 16 inches	30 10	each.
12 Sandford's national mammoth heaters, No, 4 or 5, or largest size	18 00	each.
4 water-closet fixtures, water-valves, stopcocks, china basins, &c., complete	40 10	each.
25 pounds metallic antimony	20	per pound.
170 pounds iron wire, No. 1 to 20	10	per pound.
40 pounds copper wire, assorted	01	per pound.
30 pounds steel wire, assorted	01	per pound.
30 pounds brass wire, assorted	01	per pound.
5 pounds blind wire, patent	01	per pound.
To be delivered as required.		

WM. A. WHEELER. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 18, stationery. Miscellaneous.

400 blank police reports	per pattern	\$0 02	each.
6 reams printed forms, cap size	do.	5 00	per ream.
6 reams printed forms, letter size	do.	3 00	per ream.
30 reams printed for msfor billheads	do.	5 00	per ream.
25 reams printed forms for requisitions	do.	4 00	per ream.
12 reams printed forms for vouchers	do.	2 00	per ream.
6 reams printed forms for invoices	do.	4 00	per ream.
3 reams printed forms for bills of lading ..	do.	5 00	per ream.
2 reams ruled forms for vouchers	do.	3 00	per ream.
2 reams ruled forms for abstracts	do.	3 00	per ream.
8 reams daily report paper	do.	3 00	per ream.
1 ream printed forms constructor's requisitions	do.	5 00	per ream.
2 reams blanks for travelling allowances ..	do.	4 00	per ream.
2 reams blanks for acknowledgments of orders	do.	4 00	per ream.
1 ream semi-monthly sheets	do.	1 00	per ream.
6 reams monthly sheets	do.	4 00	per ream.
4 reams monthly sheets for pay-rolls	do.	5 00	per ream.
$\frac{1}{2}$ ream foolscap, ruled, for monthly reports of labor, &c.	do.	1 00	per ream.
$\frac{1}{2}$ ream foolscap, ruled, for estimates	do.	1 00	per ream.
6 quires monthly report of labor, cap size, ruled	do.	50	per quire.
1, 000 sheets pay-rolls for mechanics and laborers	do.	03	per sheet.
12, 000 printed tickets for naval storekeeper	do.	1 00	per M.
500 sheets for monthly pay-rolls	do.	03	per sheet.
4 reams abstract sheets	do.	1 00	per ream.
100 abstract sheets	do.	05	per sheet.
6 quires printed receipts	do.	50	per quire.
5 quires muster-rolls	do.	2 00	per quire.

5	quires pay and receipts rolls.....	per pattern	\$1 00	per quire.
5	quires transfer accounts.....	do.	1 00	per quire.
5	quires certificates of transfer.....	do.	1 00	per quire.
5	quires requisitions for money.....	do.	1 00	per quire.
1	quire accounts current.....	do.	5 00	per quire.
84	1-quire cap books, half-bound, faint-lined	do.	20	each.
78	2-quire cap books, half-bound, faint-lined	do.	30	each.
24	3-quire cap books, half-bound, faint-lined	do.	50	each.
80	4-quire cap books, half-bound, faint-lined	do.	75	each.
6	5-quire cap books, half-bound, faint-lined	do.	10	each.
6	6-quire cap books, half-bound, faint-lined	do.	1 00	each.
15	6-quire requisition-books, demy, full-bound.....	do.	4 00	each.
4	6-quire bill-books, demy, full-bound....	do.	4 00	each.
4	6-quire receipt-books, demy, full-bound	do.	4 00	each.
6	6-quire letter-books, demy, full-bound..	do.	4 00	each.
4	6-quire expenditure-books, demy, full-bound.....	do.	6 00	each.
20	6-quire requisition-books, folio post, printed, half-bound.....	do.	4 00	each.
20	4-quire order, receipt, and delivery books	do.	1 50	each.
25	letter guardbooks, such as may be required.....	do.	1 50	each.
1	contract-book.....	do.	3 00	each.
2	guardbooks for drawing, 36 by 48 inches	do.	50	each.
2	guardbooks for drawing, 42 by 48 by 6 inches thick.....	do.	10 00	each.
3	2-quire cap books, for time-books, chief engineer.....	do.	50	each.
3	dozen small time-books, chief engineer..	do.	2 00	per dozen.
4	volumes log-books.....	do.	6 00	each.
2	6-quire order-books, demy, full-bound..	do.	5 00	each.
6	3-quire order-books, cap, half-bound....	do.	1 00	each.
1	6-quire blank book for return of labor on vessels building and repairing in the United States navy yard, New York..	do.	10 00	each.
6	12mo. gilt-edged memorandum-books, faint-lined.....	do.	50	each.
168	time-books.....	do.	15	each.
18	sketch-books.....	do.	50	each.
12	field-books.....	do.	50	each.
2	abstract ledgers.....	do.	5 00	each.
24	monthly pay-books....	do.	1 00	each.
36	quires pay-rolls for mechanics and laborers, bound in 6 books.....	do.	1 50	per quire.
1	6-quire blank book for monthly return of labor on vessels, &c.....	do.	1 00	each.
6	quires folio post, ruled for monthly pay-rolls.....	do.	50	per quire.
115	4-quire muster-roll books.....	do.	1 50	each.
3	6-quire muster-roll books.....	do.	3 00	each.
3	4-quire books monthly report of vessels	do.	1 25	each.
1	book consolidated report of vessels....	do.	5 00	each.
1	book consolidated report of labor.....	do.	5 00	each.
1	pay and receipt roll book, 2 quires, half-bound.....	do.	5 00	each.

1 receipt-book, 4 quires, half-bound	per pattern	\$5 00	each.
2 letter-books, 4 quires, half-bound	do.	4 00	each.
300 labels for books, &c., assorted	do.	02	each.
7 reams demy paper, ruled, 28 pounds per ream	do.	2 00	per ream.
5 reams foolscap paper, ruled	do.	5 00	per ream.
1 ream letter paper, ruled	do.	3 00	per ream.
12 quires blank mustering paper	do.	05	per quire.
350 memorandum-books, assorted sizes and patterns . .		10	each.
1 ream brief paper, ruled	per pattern	3 00	per ream.
5 reams folio post paper, faint-lined, 18 pounds per ream	do.	2 00	per ream.
2 reams foolscap paper, printed and ruled	do.	5 00	per ream.
1 ream flatcap paper, plain		1 00	per ream.
60 reams foolscap paper, faint-lined, per pattern		4 00	per ream.
12 reams foolscap paper, faint-lined, regulation, ruled . .		50	per ream.
60 reams letter paper, faint-lined, 9 to 12 pounds per ream		3 00	per ream.
25 reams note paper, faint-lined, 5 pounds per ream		1 25	per ream.
To be printed headings if required.			
2 reams log paper	per pattern	1 00	per ream.
12 reams buff envelope paper, (water-lined) per pattern		3 00	per ream.
1½ ream thick red blotting paper		50	per ream.
4 reams thick treasury blotting paper, 17 by 24, and assorted		12 00	per ream.
¼ ream Manilla wrapping paper, 24 by 36, 55 pounds per ream		10 00	per ream.
50 sheets double elephant drawing paper, cold-pressed, Whatman's		1 00	per sheet.
170 sheets double elephant drawing paper, hot-pressed, Whatman's		05	per sheet.
200 sheets antiquarian drawing paper, hot-pressed, per pattern		1 00	per sheet.
50 sheets antiquarian drawing paper, cold-pressed, per pattern		10	per sheet.
48 sheets imperial drawing paper, hot-pressed, 90 pounds per ream		10	per sheet.
48 sheets imperial drawing paper, hot-pressed, 140 pounds per ream		50	per sheet.
4 sheets Uncle Sam's drawing paper, hot-pressed, Whatman's		2 00	per sheet.
2 rolls drawing paper, 54 inches wide, and to weigh 80 pounds		25 00	per roll.
3 rolls canvass or linen-backed paper, 24 yards long and 54 inches wide		10 00	per roll.
200 sheets double elephant tracing paper, double-clarified		30	per sheet.
17 rolls tracing cloth or vellum, 30 yards long, and of the greatest width made		10 00	per roll.
2 rolls French tracing paper, 46 inches wide, best quality		10 00	per roll.
2 rolls French tracing cloth, 30 yards long, 1 yard wide		10	per roll.
20 pounds refined gum arabic, large		25	per pound.
30 dozen India-rubber bands, assorted		50	per dozen.
12 sand-boxes, hardwood		50	each.
12 paste-brushes		25	each.
6 glue-brushes, fine		25	each.
12 letter-clips, assorted		50	each.

1 dozen pieces red chalk, 8 ounces each.....	\$2 50	per dozen.
16, 000 self-sealing envelopes, official, assorted sizes and colors	4 00	per M.
18, 000 self-sealing envelopes, letter and note, assorted sizes and colors.....	5 00	per M.
To be printed, per sample, if required.		
28 erasure knives, Rogers's best, ivory and cocoa handles	30	each.
12 ivory paper-folders, 9 inches long.....	30	each.
2 tin paper-cutters.....	25	each.
10 dozen pieces erasing gum, 1 ounce each.....	1 00	per dozen.
1 dozen pieces Green's ink-eraser.....	1 50	per dozen.
3 pieces vulcanized rubber.....	50	each.
6 pen-racks, to be selected.....	30	each.
8 hones for sharpening instruments.....	30	each.
20 dozen quart bottles black ink, equal to Maynard & Noyes's.....	3 00	per dozen.
1 dozen pint bottles black ink, equal to Maynard & Noyes's.....	3 00	per dozen.
20 quart bottles Arnold's best writing fluid.....	50	each.
9 quart bottles Arnold's blue ink.....	50	each.
2 dozen bottles Arnold's red ink, pints.....	3 00	per dozen.
6 dozen bottles French carmine ink, (Guyot & Co.'s).....	1 50	per dozen.
1½ dozen bottles carmine ink, half pints.....	10	per dozen.
30 inkstands, (to be selected,) assorted.....	60	each.
20 bottles mucilage, large size.....	20	each.
12 dozen papers pins, solid heads.....	50	per dozen.
15 gross black lead pencils, assorted Nos., equal to Faber's best.....	4 00	per gross.
6 dozen black lead pencils, Faber's hexagon, HH to 6 H	1 00	per dozen.
6 dozen black lead pencils, Faber's hexagon, Nos. 1 to 6	10	per dozen.
8 dozen black lead pencils, drawing, best quality.....	10	per dozen.
6 dozen black crayon pencils.....	10	per dozen.
4 dozen black lead pencils for marking lumber.....	1 00	per dozen.
3 dozen carpenters' lead pencils.....	10	per dozen.
1 dozen India-rubber rings, No. 42.....	1 00	per dozen.
50 gross steel pens, barrels and nibs, assorted.....	1 00	per gross.
2 gross Gillott's steel pens, No. 332, genuine.....	1 50	per gross.
18 penholders, assorted, with gold nibs.....	50	each.
25 dozen penholders, assorted, to suit pens.....	50	per dozen.
2 dozen penholders, (Blanzy Poure, No. 936).....	50	per dozen.
1, 600 slate pencils, white soapstone.....	50	per 100.
37 penknives, 4 blades, equal to Rogers's best.....	1 00	each.
500 quills, No. 80.....	1 00	per 100.
18 dozen half-pint papers, black sand.....	1 00	per dozen.
1 Webster's Dictionary, unabridged.....	7 50	each.
10 log slates, large size, hard wood frames.....	75	each.
10 India-rubber slates, large size, wood frames.....	50	each.
2 slates, to be selected.....	50	each.
6 pounds fine Turkey sponge, large pieces.....	1 00	per pound.
12 dozen pieces red tape, assorted.....	30	per dozen.
4 balls linen twine, assorted colors, 8 ounces each.....	25	per ball.
22 rolls silk taste, (red, white, and blue).....	20	per roll.
4 pounds scarlet sealingwax.....	1 00	per pound.
1 pound scarlet wafers.....	1 00	per pound.
1 box notarial sealers, No. 3, gummed.....	1 00	per box.
30 paper-weights, assorted.....	25	each.
8 portfolios.....	1 00	each.

5 pairs scissors, large size, for cutting paper.....	\$1 00 each.
36 cakes Windsor & Newton's best water colors, selected	50 per cake.
12 cakes Windsor & Newton's best illuminating colors, selected	05 per cake.
12 pots Windsor & Newton's best moist colors, selected	05 per pot.
1 box water colors, 32 colors.....	3 00 per box.
1 large cake French blue.....	1 00 per cake.
12 pieces India ink, best quality.....	20 per piece.
4 dozen liquid India ink, small bottles.....	2 00 per dozen.
12 dozen drawing pins, German silver, assorted.....	2 00 per dozen.
1½ gross extra fine drawing or mapping pens.....	1 00 per gross.
9 drawing pens, ivory handles.....	1 00 each.
2 dozen camel's-hair pencils, Nos. 1 to 6, and assorted	1 00 per dozen.
8 dozen black sable-hair pencils, assorted, "Lavil's," swan quills, Nos. 1 to 6.....	50 per dozen.
4 flat sable hair brushes, 2 and 3-inch.....	50 each.
4 double-jointed ivory two-foot rules.....	1 00 each.
2 ivory engineers' scales, 12-inch.....	1 50 each.
2 protractors, ivory, 6-inch.....	1 00 each.
1 pocket folding compass, with case.....	1 00 each.
1 half circle, with arms and vernier, 6-inch.....	1 00 each.
1 circular protractor, 8-inch, German silver, with two verniers, divided in ½ degrees, civil engineer.....	2 00 each.
6 right-line drawing-pens, pointed nibs, ivory handles	1 00 each.
2 pairs German silver double-jointed compasses, 6-inch, with pencil and pen, wheel legs complete.....	3 00 each.
2 pairs 5-inch hair-spring dividers.....	1 00 each.
2 pairs 4½-inch dividers, ivory handles	1 00 each.
6 ink bow pens, 3-inch, double-jointed, and assorted..	1 00 each.
2 bow pencils, 3-inch double-jointed.....	1 00 each.
2 pairs spring steppens, 3-inch.....	1 00 each.
2 pairs spring pens, 3-inch.....	1 00 each.
2 pairs spring pencils, 3-inch.....	1 00 each.
8 nests color-saucers, 3, 4, and 6 per nest.....	50 per nest.
1 set drawing instruments, German silver, large size, complete.....	20 00 per set.
4 sets paper-scales, 18 pieces each set.....	1 00 per set.
1 ivory scale, architects', 12-inch.....	10 each.
2 ivory rules, to order.....	50 each.
2 ebony T-squares, large size.....	10 each.
12 French triangles, 30 and 40 degrees, 6 to 9-inch....	50 each.
9 triangles, 3 pieces, ebony and boxwood	10 each.
1 set curves, for drawing.....	1 00 per set.
1 set French curves.....	10 per set.
6 triangular scales, 1 to 2 feet, as may be selected....	10 each.
4 flat boxwood scales, 24 inches long, standard measure	1 00 each.
8 bottles prepared glue, as may be selected.....	50 each.
2 German-silver beam compasses, with pen and pencil, complete	10 each.
3 pounds white glue, as may be selected.....	1 00 per pound.
1 pound gum Tragacanth.....	1 00 per pound.
12 cut-glass tumblers.....	50 each.
4 feather dusters, for drawing, &c.....	1 00 each.
2 gross Swartwoutz's metallic paper-fasteners, No. 1	2 00 per gross.
2 chamois-skins, for instruments.....	1 00 each.
1 calendar, daily, to be selected.....	1 00 each.

- 1 letter-rack, to be selected..... \$1 00 each.
 6 sponge-glasses, with sponge, complete..... 50 each.
 All of the very best quality, and to be delivered as required.

WILLIAM M. SHIPMAR.—(Not executed.)

Class No. 20, hay and straw. Miscellaneous.

- 90 tons (of 2,000 pounds each) first-quality loose
 timothy hay..... \$19 80 per ton.
 2, 000 bundles straw, to weigh three pounds or over
 each..... 02 per bundle.
 To be delivered as required.

GEORGE HANAMAN. DATE OF CONTRACT OCTOBER 13, 1862.

Class No. 21, provender. Miscellaneous.

- 80, 000 pounds Indian meal \$0 01 $\frac{45}{100}$ per pound.
 80, 000 pounds ground feed 01 $\frac{45}{100}$ per pound.
 2, 000 bushels oats, 32 pounds to the bushel..... 60 per bushel.
 1, 500 bushels shipstuff 06 per bushel.
 200 pounds oil-meal 01 $\frac{1}{2}$ per pound.
 6 sacks salt 1 50 per sack.
 To be delivered as required.

EDWARD FOX. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 22, charcoal. Miscellaneous.

- 4, 000 bushels hardwood charcoal..... \$0 17 per bushel.
 100 barrels pulverized sea coal..... 2 00 per barrel.
 25 barrels pulverized charcoal, hardwood 2 50 per barrel.
 To be delivered as required.

H. G. WILLS & Co. DATE OF CONTRACT OCTOBER 11, 1862.

Class No. 23, belting, packing, and hose. Miscellaneous.

- 12 sides white-oak-tanned harness leather, 24
 pounds to the side, (288 pounds)..... \$0 30 per pound.
 37 sides lacing leather, per sample..... 1 50 per side.
 19 sides white-oak-tanned pump leather, not less
 than 30 pounds to the side, (570 pounds).. 30 per pound.
 15 sides horse leather 2 00 per side.
 4 sides breaching leather 4 00 per side.
 1 side patent leather for cart saddles..... 8 00 per side.
 1 $\frac{1}{2}$ dozen tanned deerskins for belt lacing 3 00 per dozen.
 12 sheepskins 1 00 each.
 52 chamois-skins, large size..... 1 00 each.
 300 pounds sheet-rubber packing, with cloth in-
 sertion 20 per pound.
 150 pounds sheet-rubber packing, with cloth in-
 sertion, $\frac{1}{16}$ to $\frac{4}{16}$ inch thick..... 1 00 per pound.
 300 pounds sheet-rubber packing, without cloth
 insertion, $\frac{1}{2}$ to 1 inch thick..... 70 per pound.

50 pounds round rubber packing, with duck outside, $\frac{3}{8}$ to $\frac{7}{8}$ inch diameter.....	\$1 00	per pound.
100 pounds round rubber packing, with duck outside	25	per pound.
300 pounds pure gum valves, cut to pattern.	60	per pound.
200 pounds rubber packing, assorted, such as may be wanted	1 00	per pound.
300 feet 12-inch oak-tanned, stretched and riveted, double leather belting.....	1 00	per foot.
100 feet 10-inch oak-tanned, stretched and riveted, double leather belting.....	2 00	per foot.
350 feet 8-inch oak-tanned, stretched and riveted, double leather belting.....	1 00	per foot.
500 feet 6-inch oak-tanned, stretched and riveted, single leather-belting	60	per foot.
400 feet 5-inch oak-tanned, stretched and riveted, single leather belting	20	per foot.
300 feet 4-inch oak-tanned, stretched and riveted, single leather belting	42	per foot.
100 feet $4\frac{1}{2}$ -inch oak-tanned, stretched and riveted, single leather belting	20	per foot.
250 feet $3\frac{1}{2}$ -inch oak-tanned, stretched and riveted, single leather belting	15	per foot.
350 feet 3-inch oak-tanned, stretched and riveted, single leather belting	25	per foot.
250 feet $2\frac{1}{2}$ -inch oak-tanned, stretched and riveted, single leather belting	20	per foot.
550 feet 2-inch oak-tanned, stretched and riveted, single leather belting	06	per foot.
150 feet 6-inch rubber belting, 4-ply	20	per foot.
100 feet 5-inch rubber belting, 4-ply	50	per foot.
200 feet 4-inch rubber belting, 4-ply	10	per foot.
150 feet $3\frac{1}{2}$ -inch rubber belting, 4-ply	30	per foot.
150 feet 3-inch rubber belting, 4-ply	10	per foot.
150 feet $2\frac{1}{2}$ -inch rubber belting, 4-ply	25	per foot.
250 feet 12-inch Smith's patent improved machine belting.....	1 00	per foot.
250 feet 10-inch Smith's patent improved machine belting	25	per foot.
500 feet 8-inch Smith's patent improved machine belting, 3-ply	30	per foot.
650 feet 6-inch Smith's patent improved machine belting, 3-ply	15	per foot.
400 feet 5-inch Smith's patent improved machine belting, 3-ply	20	per foot.
600 feet 4-inch Smith's patent improved machine belting, 3-ply	12	per foot.
450 feet $3\frac{1}{2}$ -inch Smith's patent improved machine belting, 3-ply	20	per foot.
500 feet 3-inch Smith's patent improved machine belting, 2-ply	10	per foot.
250 feet $2\frac{1}{2}$ -inch Smith's patent improved machine belting, 2-ply	20	per foot.
200 feet 2-inch Smith's patent improved machine belting, 2-ply	08	per foot.
250 feet India-rubber leading hose, 1 inch, 2-ply.	18	per foot.

200 feet India-rubber leading hose, 2 inch, 3-ply, with couplings complete, to suit yard hose.	\$0 25	per foot.
50 feet India-rubber leading hose, 1 inch diameter, 5-ply, $\frac{1}{4}$ inch thick	10	per foot.
50 feet India-rubber suction hose, 1 inch diameter, on spiral wire	10	per foot.
1,000 feet leather leading hose, yard size, with Lawton & Bliss's couplings	70	per foot.
1,000 feet India-rubber hose, $\frac{3}{4}$ and 1 inch, 3-ply . .	28	per foot.
6 lengths leather suction hose, yard size, with couplings complete	2 00	per length.
500 feet rubber hose, of such thickness, size, and strength as may be required for the steam fire-engines, and to have the Lawton & Bliss couplings	50	per foot.
To be delivered as required.		

JOSEPH L. SAVAGE. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 24, sperm and lubricating oils. Miscellaneous.

1,820 gallons pure winter-strained sperm oil, best quality, to be subject to the usual yard tests, viz: for specific gravity, by burning; and others, if necessary	\$1 60	per gallon.
600 gallons lard oil, best quality	1 00	per gallon.
105 gallons olive (Florence) oil, best quality	01	per gallon.
180 gallons neatsfoot oil, best quality	01	per gallon.
70 gallons whale oil, best quality	1 00	per gallon.
350 gallons lubricating oil, such as may be required	01	per gallon.
All to be delivered in suitable and tight barrels or vessels, as may be required.		

C. W. SCOFIELD. DATE OF CONTRACT OCTOBER 13, 1862.

Class No. 25, iron-work, piping, &c. Miscellaneous.

100 feet wrought-iron pipe, $\frac{3}{4}$ -inch	\$0 10	per foot.
2,500 feet wrought-iron pipe, 1-inch	12	per foot.
200 feet wrought-iron pipe, $1\frac{1}{4}$ -inch	25	per foot.
200 feet wrought-iron pipe, $1\frac{1}{2}$ -inch	61	per foot.
150 feet wrought-iron pipe, 2-inch	01	per foot.
100 feet wrought-iron pipe, 3-inch	01	per foot.
50 wrought-iron nipples, $\frac{3}{4}$ to $1\frac{1}{2}$ -inch	25	each.
50 wrought-iron nipples, 2 to 3-inch	50	each.
12 wrought-iron couplings, $\frac{3}{4}$ -inch	01	each.
200 wrought-iron couplings, 1-inch	01	each.
20 wrought-iron couplings, $1\frac{1}{4}$ -inch	01	each.
20 wrought-iron couplings, $1\frac{1}{2}$ -inch	01	each.
15 wrought-iron couplings, 2-inch	01	each.
10 wrought-iron couplings, 3-inch	01	each.
12 reducers, cast iron, $1\frac{1}{2}$, $1\frac{1}{4}$, and 1-inch	25	each.
62 tees, cast iron, $1\frac{1}{2}$, $1\frac{1}{4}$, and 1-inch	60	each.
10 brach tees, 3 openings, 1-inch pipe	60	each.
6 brach tees, 2 openings, 1-inch pipe	50	each.
15 cast-iron elbows, $\frac{3}{4}$ -inch	15	each.
5 cast-iron elbows, 1-inch	20	each.

25 cast-iron elbows, $1\frac{1}{4}$ -inch.....	\$0 30	each.
25 cast-iron elbows, $1\frac{1}{2}$ -inch.....	40	each.
15 cast-iron elbows, 2-inch.....	50	each.
10 cast-iron elbows, 3-inch.....	01	each.
30 cast-iron return bends, 1-inch.....	30	each.
12 cast-iron plugs, 3, 2, and $1\frac{1}{2}$ -inch.....	75	each.
12 cast-iron plugs, $1\frac{1}{4}$, 1, and $\frac{3}{4}$ -inch.....	20	each.
4 globe valves, brass, 3-inch.....	01	each.
6 globe valves, brass, 2-inch.....	10 01	each.
10 globe valves, brass, $1\frac{1}{2}$ -inch.....	6 00	each.
10 globe valves, brass, $1\frac{1}{4}$ -inch.....	5 00	each.
12 globe valves, brass, 1-inch.....	4 00	each.
12 globe valves, brass, $\frac{3}{4}$ -inch.....	3 00	each.
4 check valves, brass, angle and line, $\frac{3}{4}$ to 1-inch.....	2 00	each.
10 unions, iron, 2-inch.....	01	each.
12 unions, iron, $1\frac{1}{2}$ -inch.....	10	each.
12 unions, iron, 1-inch.....	1 00	each.
10 unions, brass, $1\frac{1}{4}$ -inch.....	5 01	each.
10 unions, brass, 1-inch.....	1 00	each.
12 unions, brass, $\frac{3}{4}$ -inch.....	01	each.
150 pounds iron flanges, tapped to fit pipes, from $\frac{1}{2}$ to 3-inch.....	0 $\frac{1}{2}$	per pound.
6 brass soldering unions, $\frac{3}{4}$ to 1-inch.....	01	each.
6 brass soldering nipples, $\frac{3}{4}$ to 1-inch.....	1 50	each.
12 brass service cocks, $\frac{1}{2}$ to $\frac{3}{4}$ -inch.....	1 00	each.
3 heating coils, with iron casings and marble slab, similar to those in armory at this yard.....	75 00	each.
6 steam metal expansion joints, for 1-inch pipe.....	2 00	each.
1 heater for 1-inch pipe, complete.....	70 10	each.
1 heater for $\frac{3}{4}$ -inch pipe, complete.....	50 00	each.

The wrought-iron pipe to be cut as directed, and all to be delivered as required.

Class No. 26, augers. Miscellaneous.

24 L'Hommedieu's patent ship augers, without screw, $\frac{6}{16}$..	\$0 50	each.
390 L'Hommedieu's patent ship augers, without screw, $\frac{8}{16}$..	50	each.
480 L'Hommedieu's patent ship augers, without screw, $\frac{9}{16}$..	01	each.
738 L'Hommedieu's patent ship augers, without screw, $\frac{10}{16}$..	1 50	each.
492 L'Hommedieu's patent ship augers, without screw, $\frac{11}{16}$..	50	each.
504 L'Hommedieu's patent ship augers, without screw, $\frac{12}{16}$..	50	each.
492 L'Hommedieu's patent ship augers, without screw, $\frac{13}{16}$..	50	each.
252 L'Hommedieu's patent ship augers, without screw, $\frac{14}{16}$..	01	each.
612 L'Hommedieu's patent ship augers, without screw, $\frac{15}{16}$..	60	each.
504 L'Hommedieu's patent ship augers, without screw, $\frac{16}{16}$..	70	each.
360 L'Hommedieu's patent ship augers, without screw, $\frac{17}{16}$..	1 70	each.
480 L'Hommedieu's patent ship augers, without screw, $\frac{18}{16}$..	70	each.
360 L'Hommedieu's patent ship augers, without screw, $\frac{19}{16}$..	75	each.
144 L'Hommedieu's patent ship augers, without screw, $\frac{20}{16}$..	1 00	each.
72 L'Hommedieu's patent ship augers, without screw, $\frac{21}{16}$..	1 00	each.
72 L'Hommedieu's patent ship augers, without screw, $\frac{22}{16}$..	01	each.
120 L'Hommedieu's patent ship augers, without screw, $\frac{23}{16}$..	1 00	each.
192 L'Hommedieu's patent ship augers, without screw, $\frac{24}{16}$..	01	each.
120 L'Hommedieu's patent ship augers, without screw, $\frac{25}{16}$..	1 00	each.
120 L'Hommedieu's patent ship augers, without screw, $\frac{26}{16}$..	01	each.

120	L'Hommedieu's patent ship augers, without screw, $\frac{27}{16}$..	\$1 00 each.
48	L'Hommedieu's patent ship augers, without screw, $\frac{28}{16}$..	1 00 each.
48	L'Hommedieu's patent ship augers, without screw, $\frac{29}{16}$..	01 each.
48	L'Hommedieu's patent ship augers, without screw, $\frac{30}{16}$..	1 50 each.
48	L'Hommedieu's patent ship augers, without screw, $\frac{31}{16}$..	01 each.
48	L'Hommedieu's patent ship augers, without screw, $\frac{32}{16}$..	01 each.
48	L'Hommedieu's patent ship augers, without screw, $\frac{33}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{34}{16}$..	1 60 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{35}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{36}{16}$..	1 50 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{37}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{38}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{39}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{41}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{42}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{43}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{44}{16}$..	1 50 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{45}{16}$..	1 50 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{46}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{47}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{48}{16}$..	3 00 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{49}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{50}{16}$..	05 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{51}{16}$..	01 each.
24	L'Hommedieu's patent ship augers, without screw, $\frac{52}{16}$..	2 95 each.
183	screw augers, with screws, assorted, $\frac{1}{2}$ to 3 inches.....	01 each.
50	screw augers, with graduated screws, $\frac{1}{2}$ to 3 inches.....	1 50 each.
10	long augers, $2\frac{1}{2}$ inches.....	01 each.
10	long augers, 3 inches.....	01 each.
2	dozen pod augers, $\frac{19}{16}$ -inch.....	12 00 per doz.
2	dozen pod augers, $\frac{17}{16}$ -inch.....	12 00 per doz.
2	dozen pod augers, $\frac{15}{16}$ -inch.....	12 00 per doz.
200	auger bits, $\frac{3}{16}$ to 2 inches, assorted	01 each.
25	auger bits, $\frac{1}{4}$ -inch shank, not less than 12 inches, Cook's patent	25 each.
30	auger bits, $\frac{15}{16}$ -inch shank, not less than 12 inches, Cook's patent	1 00 each.
12	dozen centre bits, from $\frac{3}{16}$ to $2\frac{1}{2}$ inches.....	01 per doz.
84	screw dowel bits, from $\frac{3}{4}$ to $\frac{3}{4}$ -inch	01 each.
90	pod bits, shank 6 inches long, $\frac{3}{16}$ to $\frac{5}{16}$ -inch	10 each.
70	pod bits, shank 9 inches long, $\frac{3}{16}$ to $\frac{3}{4}$ -inch	25 each.
24	plug bits, Cook's patent, $\frac{10}{16}$ -inch	50 each.
12	plug bits, Cook's patent, $\frac{8}{16}$ -inch	1 00 each.
24	plug bits, Cook's patent, $\frac{12}{16}$ -inch	50 each.
24	plug bits, Cook's patent, $\frac{14}{16}$ -inch	50 each.
36	plug bits, Cook's patent, $\frac{16}{16}$ -inch	1 00 each.
24	plug bits, Cook's patent, $\frac{18}{16}$ -inch	10 each.
12	plug bits, Cook's patent, $\frac{19}{16}$ -inch	01 each.
24	plug bits, Cook's patent, $\frac{20}{16}$ -inch	1 00 each.
12	plug bits, Cook's patent, $\frac{22}{16}$ -inch	01 each.
24	plug bits, Cook's patent, $\frac{24}{16}$ -inch	1 00 each.
11	dozen plug bits, or cutters, $\frac{3}{8}$ to $1\frac{3}{4}$ -inch, for saw-mill ...	5 00 per doz.
3	heads for the above to suit machines.....	01 each.

To be delivered as required.

WILLIAM M. DAVIDSON. DATE OF CONTRACT OCTOBER 8, 1862.

Class No. 27, anthracite coal.

2, 500 tons (2,240 pounds) Black Heath or Locust Mountain coal, screened, for steam-boilers	\$6 08 per ton.
300 tons (2,240 pounds) Black Heath or Locust Mountain coal, for brass furnaces	6 08 per ton.
700 tons (2,240 pounds) Lehigh Sugar-loaf coal, screened, for foundry use	6 08 per ton.
400 tons (2,240 pounds) gray-ash anthracite coal, grate size	6 08 per ton.
400 tons (2,240 pounds) gray-ash anthracite coal, stove size	6 08 per ton.

All of the above coal is to be of the best quality of its kind; to be delivered on or before the 1st of December, 1862. It is to be placed by the contractor in carts provided by the government; and the quantity delivered is to be paid for at the weight of the navy yard scales.

C. W. SCOFIELD. DATE OF CONTRACT OCTOBER 13, 1862.

Class No. 30, semi-bituminous Broad Top coal. Miscellaneous.

1, 500 tons (2,240 pounds) Broad Top coal, the run of the mines, for smithery	\$6 98 per ton.
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All of the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of December, 1862. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weight of the navy yard scales.

Class No. 31 copper and composition nails. Miscellaneous.

2, 500 pounds ingot copper	\$0 40 per pound.
150 pounds round bolt copper, $\frac{1}{4}$ to $\frac{1}{2}$ -inch	01 per pound.
200 pounds round bolt copper, $\frac{7}{8}$ to $1\frac{1}{4}$ -inch	01 per pound.
100 pounds round bolt copper, $\frac{3}{4}$ to 2-inch	01 per pound.
60 sheets braziers' copper, 20 to 28 ounces	01 per sheet.
12 sheets braziers' copper, 32 to 60 ounces	01 per sheet.
12 sheets copper, 32 to 60 ounces	10 01 per sheet.
6 sheets 13-pound copper, (78 pounds)	5 00 per sheet.
6 sheets tinned copper	01 per sheet.
6 sheets planished copper	01 per sheet.

To be delivered as required.

H. D. STOVER. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 34, hose-carriages.

2 hose-carriages, to be made according to directions to be furnished at this yard	\$295 00 each.
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Schedule of materials required at the United States navy yard, Philadelphia, Pennsylvania, for the year ending June 30, 1863.

PAUL J. FIELD. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 1, bricks.

15,000 paving bricks \$8 45 per M.

To be delivered as required.

Class No. 2, stone.

25 perches best building stone \$0 98 per perch.

To be delivered as required.

HUFFINGTON & FENTRESS. DATE OF CONTRACT OCTOBER 13, 1862.

Class No. 4, yellow pine lumber.

	Per M feet.
30,000 board feet, 5-inch yellow pine plank, 35 to 40 feet long, 12½ inches wide.....	\$80 00
60,000 board feet, 3½-inch yellow pine plank, 35 to 40 feet long, 12½ inches wide.....	80 00

	Board feet.
40 pieces, each 66 feet long, 16½ by 10 inches, equal	36,300
50 pieces, each 46 feet long, 11 by 11 inches, equal	23,191
50 pieces, each 48 feet long, 15½ by 10½ inches, equal	32,550
20 pieces, each 35 feet long, 7½ by 7½ inches, equal	3,280
100 pieces, each 31 feet long, 14½ by 6½ inches, equal	24,341
20 pieces, each 40 feet long, 14½ by 13 inches, equal	12,566
6 pieces, each 50 feet long, 13 by 5 inches, equal	1,625
8 pieces, each 55 feet long, 15 by 14 inches, equal	7,700

To contain 141,553 80 00

Must be of the best quality fine-grain southern yellow pine, free from sap and all other defects, and sawed to square edges.

To be delivered as required.

Class No. 5, oak and hard wood. Miscellaneous.

	Per inch.
4 white oak knees, 8 inches, (32 inches)	\$2 00

	Board feet.
50 pieces white oak, each 31 feet long, 10½ by 8½ inches=	11,525
54 pieces white oak, each 16 feet long, 12½ by 12½ inches=	11,250
10 pieces white oak, each 33 feet long, 18½ by 6½ inches=	3,306
48 pieces white oak, each 44 feet long, 18½ by 6½ inches=	21,164
30 pieces white oak, each 27 feet long, 12½ by 12½ inches=	10,520
40 pieces white oak, each 29 feet long, 7 by 8 inches=	5,413
30 pieces white oak, each 34 feet long, 16½ by 7½ inches=	10,517
12 pieces white oak, each 46 feet long, 18½ by 16½ inches=	14,041
12 pieces white oak, each 55 feet long, 14½ by 16½ inches=	13,158
20 pieces white oak, each 43 feet long, 17 by 17 inches=	20,701
10 pieces white oak, each 12 feet long, 24 by 9½ inches=	2,280
28 pieces white oak, each 31 feet long, 14½ by 12½ inches=	13,094

	Board feet.
10 pieces white oak, each 33 feet long, $12\frac{1}{2}$ by 17 inches=	5, 843
30 pieces white oak, each 31 feet long, $14\frac{1}{2}$ by $6\frac{1}{2}$ inches=	7, 302
80 pieces white oak, each 12 feet long, $9\frac{1}{2}$ by $9\frac{1}{2}$ inches=	7, 220
16 pieces white oak, each 31 feet long, 10 by 13 inches=	5, 373
16 pieces white oak, each 47 feet long, 19 by 18 inches=	21, 432
20 pieces white oak, each 47 feet long, 14 by 13 inches=	14, 240
30 pieces white oak, each 31 feet long, 10 by $10\frac{1}{2}$ inches=	8, 129
36 pieces white oak, each 48 feet long, 16 by 11 inches=	25, 344
14 pieces white oak, each 31 feet long, $14\frac{1}{2}$ by $7\frac{1}{2}$ inches=	3, 932
36 pieces white oak, each 31 feet long, $15\frac{1}{2}$ by $8\frac{1}{2}$ inches=	12, 261
60 pieces white oak, each 20 feet long, 8 by 8 inches=	6, 390
20 pieces white oak, each 50 feet long, $16\frac{1}{2}$ by $16\frac{1}{2}$ inches=	22, 687
6 pieces white oak, each 24 feet long, $16\frac{1}{2}$ by 18 inches=	3, 564
6 pieces white oak, each 29 feet long, $15\frac{1}{2}$ by $18\frac{1}{2}$ inches=	4, 152
6 pieces white oak, each 29 feet long, 16 by $15\frac{1}{2}$ inches=	3, 702
6 pieces white oak, each 25 feet long, $18\frac{1}{2}$ by $13\frac{1}{2}$ inches=	3, 174
6 pieces white oak, each 26 feet long, $16\frac{1}{2}$ by $12\frac{1}{2}$ inches=	2, 676
18 pieces white oak, each 11 feet long, 19 by $16\frac{1}{2}$ inches=	5, 172
20 pieces white oak, each 64 feet long, $16\frac{1}{2}$ by $16\frac{1}{2}$ inches=	29, 040
36 pieces white oak, each 48 feet long, $15\frac{1}{2}$ by $10\frac{1}{2}$ inches=	23, 172
20 pieces white oak, each 31 feet long, $15\frac{1}{2}$ by $8\frac{1}{2}$ inches=	6, 736
20 pieces white oak, each 11 feet long, $6\frac{1}{2}$ by $7\frac{1}{2}$ inches=	893
	Per M feet.
To contain.....	357, 987 \$55 00

1, 000 board feet 1-inch straight-grained seasoned white ash plank	\$40 00 per M feet.
2, 000 board feet 2-inch straight-grained seasoned white ash plank	80 00 per M feet.
1, 000 board feet 2-inch straight-grained seasoned hickory plank	40 00 per M feet.
2, 000 board feet 3-inch straight-grained seasoned hickory plank	40 00 per M feet.
1, 000 pieces hickory, split from but cuts, 3 feet long, 4 inches wide, $1\frac{1}{4}$ inch thick	60 00 per M pieces.
1, 000 pieces hickory, split from but cuts, 3 feet long, 3 to 6 inches wide, $1\frac{1}{2}$ inch thick	60 00 per M pieces.
300 sledge handles	25 each.
300 hammer handles	25 each.
2 tons (2,240 lbs.) lignumvitæ, St. Domingo, 6 to 16 inches diameter, not less than 3 feet long....	100 00 per ton.

The above must be of the best material, free from sap and other defects, and the plank and board sawed to square edges.

To be delivered as required.

W. F. FERGUSON. DATE OF CONTRACT OCTOBER 15, 1862.

Class No. 6, white pine, spruce, juniper, and cypress. Miscellaneous.

13, 000 board feet 1-inch 1st common white pine boards	\$37 00 per M feet.
40, 000 board feet 1-inch 2d common white pine boards	19 00 per M feet.
10, 000 board feet 2-inch 1st common white pine plank	33 00 per M feet.
3, 000 board feet 3-inch 1st common white pine plank	32 00 per M feet.

Must be of the best quality seasoned stuff.

To be delivered as required.

PAUL J. FIELD. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 7, lime, hair, and plaster. Miscellaneous.

150 bushels wood-burnt lime \$0 24 per bushel
To be delivered as required.

E. G. STONES. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 9, gravel and sand. Miscellaneous.

20 one-horse cartloads building sand \$0 89 per load.
10 two-horse cartloads screened gravel 1 15 per load.
To be delivered as required.

JOHN R. ELVANS. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 11, iron, iron spikes, and nails. Miscellaneous.

5, 200 pounds iron cut nails and spikes, assorted . . \$0 03 per pound.
1, 620 pounds iron wrought nails, assorted 06 per pound.
10 pounds iron finishing nails 01 per pound.
14, 000 pounds flat iron, assorted 04½ per pound.
9, 000 pounds square iron, assorted 02 per pound.
25, 000 pounds round iron, assorted 04½ per pound.
500 pounds best sheet iron, Russia, for stovepipe . . 08 per pound.
To be delivered as required.

WILLIAM F. POTTS. DATE OF CONTRACT, OCTOBER 7, 1862.

Class No. 12, steel. Miscellaneous.

2, 000 pounds square cast steel, assorted \$0 17 per pound.
1, 400 pounds octagon cast steel, ½ to 1 inch 17 per pound.
400 pounds rolled cast steel, 4 by ⅜ inch 17 per pound.
500 pounds shear cast steel, 2½ by ⅝ inch 17 per pound.
To be delivered as required.

H. J. COLLINS & Co. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 14, files. Miscellaneous.

50 dozen tapered saw files, 3 to 6 inches \$1 25 per dozen.
23 dozen handsaw files, 4 to 8 inches 1 50 per dozen.
38 dozen millsaw files, 8 to 14 inches 5 00 per dozen.
18 dozen millsaw files, 8 to 14 inches, 2d cut 6 00 per dozen.
3 dozen round files, 8 to 12 inches 4 00 per dozen.
13 dozen cabinet files, 8 to 12 inches 4 00 per dozen.
½ dozen flat bastard files, 8 inches 26 per dozen.
14 dozen flat bastard files, 14 inches 4 00 per dozen.
8 dozen square bastard files, 6 inches 1 00 per dozen.
8 dozen square bastard files, 8 inches 1 50 per dozen.
10 dozen square bastard files, 10 inches 2 00 per dozen.
12 dozen square bastard files, 12 inches 3 00 per dozen.
32 dozen ½-round bastard files, 6 inches 1 50 per dozen.
2 dozen ½-round bastard files, 10 inches, coarse . . . 2 00 per dozen.
8 dozen ½-round bastard files, 12 inches 4 00 per dozen.

12 dozen $\frac{1}{2}$ -round bastard files, 14 inches.....	\$6 00	per dozen.
36 dozen $\frac{1}{2}$ -round bastard files, 6 to 14 inches.....	5 00	per dozen.
2 dozen round bastard files, 12 inches.....	2 00	per dozen.
4 dozen round equalling files, 8 to 14 inches.....	6 00	per dozen.
19 dozen flat smooth files, 6 to 12 inches.....	5 00	per dozen.
6 dozen round smooth files, 8 to 12 inches.....	5 00	per dozen.
8 dozen dead smooth files, 6 to 12 inches.....	6 00	per dozen.
5 dozen square files, 8 to 12 inches.....	4 00	per dozen.
13 dozen key-ward files, assorted, from 3 to 6 inches	1 00	per dozen.
6 dozen three-square tapered files, assorted.....	25	per dozen.
10 dozen square tapered files, 6 to 12 inches.....	2 50	per dozen.
3 $\frac{1}{2}$ dozen rough flat files, 12 inches.....	6 00	per dozen.
2 dozen rough flat files, 14 inches.....	2 00	per dozen.
5 dozen fine flat files, 14 inches.....	6 00	per dozen.
1 $\frac{1}{2}$ dozen $\frac{1}{2}$ -round rough files, 12 inches.....	1 00	per dozen.
2 dozen horseshoe rasps, 14 inches.....	3 00	per dozen.
5 $\frac{1}{2}$ dozen wood rasps, assorted.....	4 00	per dozen.
13 dozen cabinet rasps, assorted.....	5 00	per dozen.
6 dozen rat-tail files, assorted.....	3 00	per dozen.
40 dozen safe-edge bastard files, 4 to 10 inches....	4 00	per dozen.
36 dozen safe-edge bastard files, 12 to 14 inches....	6 00	per dozen.

To be delivered as required.

JOHN W. SIMES & SONS. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 15, paints, oils, and glass. Miscellaneous.

1, 500 pounds white lead, in oil.....	\$0 09	per pound.
1, 600 pounds yellow ochre, dry.....	02	per pound.
600 pounds Spanish brown, dry.....	00 $\frac{1}{2}$	per pound.
50 pounds chrome, yellow.....	05	per pound.
50 pounds chrome, green.....	08	per pound.
300 pounds red lead.....	09	per pound.
10 pounds Turkey umber.....	10	per pound.
10 pounds Terra de Sienna.....	15	per pound.
5 pounds Prussian blue, No. 1.....	20	per pound.
400 pounds litharge.....	05	per pound.
100 pounds lampblack.....	06	per pound.
1, 200 pounds whiting.....	01	per pound.
12 pounds gum-shellac.....	25	per pound.
5 pounds fine sponge.....	50	per pound.
20 pounds O'Katka bristles, white.....	1 00	per pound.
15 pounds O'Katka bristles, gray.....	1 00	per pound.
7 gallons sweet oil.....	1 75	per gallon.
600 gallons linseed oil, raw.....	1 00	per gallon.
50 gallons linseed oil, boiled.....	1 00	per gallon.
130 gallons spirits turpentine.....	3 50	per gallon.
12 gallons spirits of wine.....	60	per gallon.
10 gallons copal varnish.....	2 00	per gallon.
5 gallons furniture varnish.....	1 00	per gallon.
50 gallons japan varnish.....	3 25	per gallon.
2, 000 feet American glass, 8 by 10 inches.....	4 50	per 100 feet.
400 feet American glass, 10 by 14 inches.....	4 75	per 100 feet.
50 feet American glass, 14 by 18 inches.....	5 50	per 100 feet.

To be delivered as required.

H. J. COLLINS & Co. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 16, ship chandlery. Miscellaneous.

12 chamois skins	\$1 00	each.
12 dozen paint brushes, 000000	14 00	per dozen.
12 dozen sash tools, No. 7	2 50	per dozen.
12 dozen fitches, tin bound, assorted	1 50	per dozen.
2 dozen sable pencils, assorted	1 00	per dozen.
2 reams sand-paper	2 00	per ream.
1 muller, for paint stone	10	each.
1 set graining tools, oak	1 00	per set.
1 set graining tools, maple	1 00	per set.
6 flat varnish brushes	75	each.
8 dozen best dusting-brushes	4 00	per dozen.
8 dozen best hand scrubbing-brushes	2 00	per dozen.
1 dozen best long handle sweeping-brushes	5 00	per dozen.
2 dozen best short handle tar-brushes	2 00	per dozen.
2 dozen best flue-brushes, with iron frames, 2 inches	12 00	per dozen.
1 dozen best flue-brushes, with iron frames, 2 $\frac{7}{8}$ inches	15 00	per dozen.
1 dozen best flue-brushes, with iron frames, 3 inches	18 00	per dozen.
19 dozen best corn brooms	3 00	per dozen.
12 dozen best hickory brooms	2 00	per dozen.
10 dozen best 2-bushel hickory baskets	8 00	per dozen.
15 dozen best 1-bushel hickory baskets	6 00	per dozen.
2 dozen best ship-buckets	10 00	per dozen.
4 dozen best water cans, iron bound, and handles	10 00	per dozen.
11 barrels soft white turpentine	20 00	per barrel.
20 barrels tar	20 00	per barrel.
23 barrels pitch	12 00	per barrel.
60 gallons coal tar	10	per gallon.
30 gallons tar oil	60	per gallon.
4 horse covers	10 00	each.
4 horse blankets	5 00	each.
6 horse brushes	50	each.
6 currycombs	25	each.
6 curry cards	25	each.
3 hay forks	50	each.
12 whips	50	each.
6 horse-buckets	1 00	each.
1 set ox yokes	3 00	per set.
1 set wagon harness	30 00	per set.
1 set cart gears	20 00	per set.
40 gallons dubbin	1 00	per gallon.
140 pounds castile soap	13	per pound.
100 pounds brown soap	08	per pound.
500 pounds best sperm candles	36	per pound.
10 pounds pumice-stone, lump	05	per pound.
20 pounds pumice-stone, ground	05	per pound.
20 pounds rotten-stone, pulverized	05	per pound.
300 pounds copperas	03	per pound.
50 pounds glue	20	per pound.
2 pounds sponge	1 00	per pound.

50 pounds washing soda	\$0 03	per pound.
60 pounds borax	20	per pound.
500 pounds white chalk	01	per pound.
3, 250 pounds tallow	12	per pound.
4, 000 pounds best oakum	10	per pound.
750 pounds 3-yarn spun-yarn	15	per pound.
200 pounds 9-thread seizing stuff	20	per pound.
10 pounds whipping twine	25	per pound.
10 pounds sewing twine	25	per pound.
25 pounds lampwick, ball	20	per pound.
300 pounds cotton waste	15	per pound.
120 pounds candlewick, for packing	26	per pound.
600 pounds white rags, assorted	07	per pound.
25 pounds ground emery, assorted	06	per pound.
3½ reams Sibley's emery cloth, assorted, as per sample	20 00	per ream.
20 yards enamelled cloth, per sample	1 00	per yard.
6 sides calf-skin, for belt lacings	1 00	per side.
400 black-lead pots, Nos. 20, 40, 60, and 80, (20,000 Nos.)	08	per number.
5, 000 pounds sheet zinc, as required	12	per pound.
9 boxes sheet tin, M. F. charcoal brand	18 00	per box.
6 boxes sheet tin, XX, 14 by 20 inches	16 00	per box.

To be delivered as required.

CHARLES M. GRISKEY. DATE OF CONTRACT OCTOBER 4, 1862.

Class No. 17, hardware. Miscellaneous.

24 pair iron butt-hinges, 2 to 4 inches	\$0 04	per pair.
12 pair iron butt-hinges, loose, 2 to 3½ inches	07	per pair.
3 dozen wrought-iron butt-hinges, 2 by 5½ inches, as per pattern	1 60	per dozen.
6 iron rim-locks, with brass knobs	75	each.
6 iron dead-locks	35	each.
12 iron chest-locks	30	each.
12 iron drawer-locks	20	each.
25 gross best iron screws, 1 to 1½ inch	35	per gross.
6 gross best iron screws, 4 inches	3 00	per gross.
5 dozen woodsaws, with frames	6 00	per dozen.
14 handsaws, cast steel	1 25	each.
2 handsaws, "Spear & Jackson's" make	1 70	each.
2 tenon-saws, cast steel	1 00	each.
1 circular saw, 24 inches, No. 12	6 00	each.
1 circular saw, 30 inches, No. 11	9 00	each.
4 dozen jigsaws, 2 feet long	4 50	per dozen.
2 crosscut-saws, for lignumvitæ	2 50	each.
30 crosscut-saws, assorted, averaging 6 feet long, (180 feet)	2 40	each.
2 crosscut-saws, 3 feet long	1 50	each.
4 iron-back hacksaws	1 00	each.
50 panel-saws	1 00	each.
4 sweepsaws	4 00	each.
4 fine-tooth hacksaws	1 00	each.
3 compass-saws	30	each.
2 rip-saws	1 50	each.

2	sash-saws	\$1 00 each.
2	keyhole-saws	07 each.
2	saw-sets, "Akin's"	67 each.
12	grindstones, 3 feet 6 inches diameter, 7 inches face	10 00 each.
2	grindstones, 30 inches diameter, 5 inches face	5 00 each.
2	pair $\frac{1}{2}$ -inch grooving-planes	75 per pair.
2	pair grooving-planes, with screw arms	2 50 per pair.
2	panel-ploughs, with 8 bits each, boxwood face and arms	4 00 each.
12	moulding-planes, assorted	60 each.
2	R. H. $\frac{1}{8}$ -inch beading-planes	30 each.
4	R. H. $\frac{1}{4}$ -inch beading-planes	33 each.
3	R. H. $\frac{3}{8}$ -inch beading-planes	35 each.
3	R. H. $\frac{1}{2}$ -inch beading-planes	36 each.
2	R. H. $\frac{3}{4}$ -inch beading-planes	37 each.
2	R. H. 1-inch beading-planes	40 each.
2	beading-planes, $\frac{1}{4}$ -inch	33 each.
2	beading-planes, $\frac{1}{2}$ -inch	36 each.
2	hollow planes, 3-inch	1 00 each.
2	smoothing-planes	70 each.
2	smoothing-planes, circular	1 00 each.
2	collar-planes	1 25 each.
1	jackplane	75 each.
1	foreplane	1 00 each.
3	sets double iron bench-planes	2 40 per set.
28	rabbet-planes, $\frac{1}{2}$ to 2 inches	50 each.
3	dozen turners' chisels, $\frac{1}{2}$ to 2 inches	4 00 per dozen.
3	dozen turners' gouges, $\frac{1}{2}$ to 2 inches	5 00 per dozen.
42	blockmakers' socket-gouges, $\frac{1}{2}$ to 3 inches	1 00 each.
36	blockmakers' socket-chisels, $\frac{3}{8}$ to 3 inches	90 each.
32	firmer chisels, assorted, $\frac{1}{8}$ to 2 inches	20 each.
24	socket-gouges, assorted, 1 to 2 inches	83 each.
24	socket-chisels, assorted, $\frac{1}{8}$ to 2 $\frac{1}{2}$ inches	80 each.
6	cold-chisels	20 each.
10	dozen best No. 3 shovels	8 50 per dozen.
10	dozen best mud-spades	8 00 per dozen.
3	dozen wood-axes, handled	11 50 per dozen.
2	roundaxes, blockmakers'	3 00 each.
2	broadaxes	3 00 each.
2	adzes	2 00 each.
2	hatchets	50 each.
3	pairs hand-shears	1 50 each.
4	pairs tinners' shears	6 00 each.
2	stock-shave knives	2 00 each.
4	drawing-knives	63 each.
12	shave-hooks for plumbers	15 each.
12	plumbers' irons	50 each.
6	small hand-ladles	20 each.
48	chipping-irons	1 00 each.
6	soldering-irons, copper	75 each.
6	soldering-irons, round, 1 $\frac{1}{4}$ -inch	1 00 each.
3	pairs light fire-tongs	50 each.
1	pair No. 60 tongs	75 each.
1	pair No. 40 tongs	1 00 each.
1	pair hand-tongs	1 00 each.
2	pairs cutting-nippers	50 each.

24	nail-gimlets	\$0 02	each.
12	spike-gimlets	05	each.
3	steel-blade squares, assorted	33	each.
26	iron squares, 2 feet	25	each.
1	pair large calipers	1 50	each.
1	pair small calipers	50	each.
4	pairs compasses	25	each.
1	wire gauge	75	each.
1	pair sliding-tongs, No. 2	50	each.
2	oilstones	50	each.
2	spirit-levels, assorted	75	each.
2	steel-tongue bevels	50	each.
2	large iron braces	1 50	each.
2	Scotch braces and sets of bits	3 00	each.
4	dozen car-builders' bits, assorted, $\frac{1}{4}$ to $\frac{3}{8}$ -inch	1 87	per dozen.
1	platform scale, to weigh 500 pounds	20 00	each.
5	wire tape-lines, 100 feet long	5 00	each.
1	wire tape-line, 75 feet long	4 00	each.
1	tape-line, 50 feet long	87	each.
6	chalk-lines, 60 feet each	10	each.
8	boxwood 2-feet rules	30	each.
1	ivory 2-feet rule, 4-fold	3 00	each.
5	pairs flat nose-plyers	20	each.
3	pairs round plyers	20	each.
1	set cast-steel letters, $\frac{1}{4}$ -inch	3 25	per set.
1	set cast-steel figures, $\frac{1}{4}$ -inch	80	per set.
1	set cast-steel letters, $\frac{1}{10}$ -inch	2 60	per set.
1	set cast-steel figures, $\frac{1}{10}$ -inch	75	per set.
1	set taps and dies, $\frac{1}{2}$ to $\frac{3}{16}$ -inch	2 00	per set.
1	screw-plate for taps and dies	3 00	each.
6	belt-punches, assorted	10	each.
18	tinnern's punches, $\frac{1}{16}$ to $1\frac{3}{4}$ -inch	60	each.
200	pounds iron wire, $\frac{1}{4}$ to $\frac{3}{16}$ -inch	07	per pound.
6	sets iron rivets, various sizes	2 00	per set.
600	pounds blockmakers' rivets, assorted, 1 to $2\frac{1}{2}$ inches	14	per pound.
20	pounds horseshoe nails	22	per pound.
20	pounds oxshoe nails	25	per pound.
4	monkey-wrenches	1 75	each.
20	screw-wrenches, assorted sizes	75	each.
2	screw-wrenches to open, $2\frac{3}{4}$ inches	1 50	each.
6	iron hand-vices, assorted	50	each.
6	iron vices, 80 to 100 pounds each, solid boxes	12 50	each.
4	wrought-iron anvils, 300 pounds each, (1,200 pounds)	12	per pound.
12	hammers, assorted	90	each.
4	planishing-hammers	1 00	each.
4	core-brushes for moulders	25	each.
12	iron-wire sieves, assorted	75	each.
6	small iron clamp-screws	2 00	each.
3	large iron clamp-screws	4 50	each.

To be delivered as required.

GEORGE F. LEWIS. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 18, stationery. Miscellaneous.

25	yards tracing cloth	\$0 40	per yard.
36	sheets double elephant drawing paper, hot pressed	18	per sheet
33	reams cap paper, faint lined	2 00	per ream.
28	reams letter paper, faint lined	2 00	per ream.
5	reams letter paper, to pattern	5 00	per ream.
5	reams correspondence paper, to pattern	6 00	per ream.
6	reams note paper, faint lined	2 00	per ream.
6	reams envelope paper, large size	4 50	per ream.
3	reams envelope paper, cap size	2 25	per ream.
2	reams blotting board, white	15 00	per ream.
$\frac{1}{2}$	ream log paper	15 00	per ream.
6	reams blank bills	7 00	per ream.
1	ream blank vouchers	6 00	per ream.
1	ream blank expenditures	10 00	per ream.
3	reams mechanic's pay-rolls	20 00	per ream.
6	reams mechanic's muster-rolls	10 00	per ream.
2	reams mechanic's monthly pay-rolls	20 00	per ream.
5	reams receipts for recruits	5 00	per ream.
2	reams receipts for pay	6 00	per ream.
1	ream pay tickets	10 00	per ream.
$\frac{1}{2}$	ream allotment tickets	10 00	per ream.
$\frac{1}{2}$	ream weekly returns	16 00	per ream.
$\frac{1}{2}$	ream requisitions for small stores,	16 00	per ream.
$\frac{1}{2}$	ream requisitions for clothing	16 00	per ream.
$\frac{1}{2}$	ream money estimates	16 00	per ream.
$\frac{1}{2}$	ream register of allotments	16 00	per ream.
$\frac{1}{2}$	ream blank discharges	10 00	per ream.
$\frac{1}{2}$	ream officers' pay-rolls	20 00	per ream.
$\frac{1}{2}$	ream officers' muster-rolls	16 00	per ream.
$\frac{1}{2}$	ream accounts current	20 00	per ream.
$\frac{1}{2}$	ream accounts pay	20 00	per ream.
$\frac{1}{2}$	ream certificates of settlement	12 00	per ream.
$\frac{1}{2}$	ream honorable discharges	12 00	per ream.
$\frac{1}{2}$	ream apprehension bills	12 00	per ream.
4	quires wrapping paper	50	per quire.
5	books, 9 quires	2 00	each.
2	books, 7 quires	1 50	each.
2	books, 6 quires	1 25	each.
4	books, 5 quires	1 00	each.
35	books, 3 quires	50	each.
1	daily report book	5 00	each.
1	smooth log	10 00	each.
1	rough log	10 00	each.
11	requisition books	5 00	each.
4	day books	2 00	each.
9	letter-books for copying press	2 00	each.
5	letter-files	2 00	each.
2	portfolios	1 00	each.
4	Philadelphia Directories, for 1863	2 50	each.
3	American Almanacs, for 1863	1 25	each.
360	memorandum books, assorted, to pattern	10	each.

12	bottles Arnold's copying ink, pints.....	\$0 50	per bottle.
68	bottles Bryan & Wilcox's fluid, pints.....	20	per bottle.
38	bottles carmine, French, small.....	20	per bottle.
5	bottles blue ink, small.....	05	per bottle.
15	quarts black sand, in quart boxes.....	15	each.
13	inkstands, to pattern.....	1 00	each.
2	slates, one to be porcelain, to pattern.....	1 00	each.
50	slate pencils.....	50	per 100.
24	pieces mouth glue, best French, and thin.....	03	each.
200	extra large size envelopes, white, gummed.....	1 50	per M.
8,700	legal size envelopes, white, gummed.....	4 00	per M.
7,000	letter envelopes, white, gummed.....	2 00	per M.
1,000	note envelopes, white, gummed.....	1 50	per M.
2½	pounds best red sealingwax.....	1 25	per pound.
1½	pound best red wafers, French.....	1 50	per pound.
54	gross Levy's commercial pens.....	75	per gross.
600	clarified quills, best quality.....	3 00	per 100.
12	sand-boxes, best quality.....	25	each.
144	pieces best red tape.....	03	each.
18	elastic letter bands.....	03	each.
1	letter balance, of approved quality.....	3 00	each.
4	paper clips.....	50	each.
40	dozen Faber's best black lead pencils.....	50	per dozen.
16	penknives, best quality, Congress.....	1 00	each.
7	erasing-knives, best quality.....	50	each.
16	bottles adhesive mucilage, with brushes.....	25	per bottle.
46	pieces Green's ink eraser, or India rubber, at choice.....	03	each.
500	penholders, best quality.....	2 00	per 100.
6	rules, 2 feet, best quality.....	2 00	each.
6	rules, to pattern.....	2 00	each.
4	boxes eyelets.....	25	per box.
6	drawing-pens, as per sample.....	1 00	each.
To be delivered as required.			

W. S. McCALLISTER. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 19, firewood. Miscellaneous.

70 cords best seasoned pine wood..... \$4 90 per cord.

To be delivered as required.

ROBERT McNEIL. DATE OF CONTRACT OCTOBER 13, 1862.

Class No. 20, hay and straw. Miscellaneous.

30 tons (2,240 pounds) best timothy and clover hay.. \$17 50 per ton.
7,000 pounds rye straw, to be in bundles..... 75 per 100 lbs.

To be delivered as required.

PAUL J. FIELD. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 21, provender. Miscellaneous.

400 bushels ground corn..... \$0 84 per bushel.
80 bushels corn..... 84 per bushel.

400 bushels ground oats	\$0 64	per bushel.
200 bushels oats	64	per bushel.
5 bushels ground salt	1 50	per bushel.
2 bushels coarse salt	50	per bushel.

To be delivered as required.

E. G. STONES. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 22, charcoal. Miscellaneous.

1,000 barrels charcoal	\$0 39	per barrel.
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To be delivered as required.

H. D. STOVER. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 23, belting, packing, and hose. Miscellaneous.

500 feet best gum leading-hose, per sample.	\$0 50	per foot.
300 pounds gum-packing, assorted, per pattern	75	per pound.
70 feet leather-belting, 5 inches	36	per foot.
100 feet leather-belting, 8½ inches	64	per foot.
80 feet leather-belting, 11 inches	86	per foot.

To be delivered as required.

Class No. 24, sperm and lubricating oils. Miscellaneous.

100 gallons lamp-oil	\$0 90	per gallon.
30 gallons tanner's-oil	75	per gallon.
445 gallons sperm-oil	1 45	per gallon.
24 gallons lard-oil	60	per gallon.
9 barrels fish-oil	18 00	per barrel.

To be delivered as required.

E. G. STONES. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 26, augers. Miscellaneous.

8 dozen patent ship-augers, ("L'Hommedieu's,") ¾-inch	\$2 50	per dozen.
14 dozen patent ship-augers, ("L'Hommedieu's,") ½-inch	3 40	per dozen.
22 dozen patent ship-augers, ("L'Hommedieu's,") ⅞-inch	4 08	per dozen.
32 dozen patent ship-augers, ("L'Hommedieu's,") ⅝-inch	4 40	per dozen.
26 dozen patent ship-augers, ("L'Hommedieu's,") ⅞-inch	4 92	per dozen.
36 dozen patent ship-augers, ("L'Hommedieu's,") ¾-inch	5 10	per dozen.
26 dozen patent ship-augers, ("L'Hommedieu's,") ⅞-inch	5 60	per dozen.
8 dozen patent ship-augers, ("L'Hommedieu's,") ⅞-inch	6 12	per dozen.
37 dozen patent ship-augers, ("L'Hommedieu's,") ⅞-inch	6 50	per dozen.
8 dozen patent ship-augers, ("L'Hommedieu's,") 1-inch	7 00	per dozen.

10 dozen patent ship-augers, ("L'Hommedieu's,")		
$\frac{1}{16}$ -inch	\$7 40	per dozen.
10 dozen patent ship-augers, ("L'Hommedieu's,")		
$1\frac{1}{8}$ -inch	7 60	per dozen.
22 dozen patent ship-augers, ("L'Hommedieu's,")		
$1\frac{3}{16}$ -inch	8 20	per dozen.
10 dozen patent ship-augers, ("L'Hommedieu's,")		
$1\frac{1}{4}$ -inch	8 50	per dozen.
6 dozen patent ship-augers, ("L'Hommedieu's,")		
$\frac{5}{16}$ -inch	8 85	per dozen.
5 dozen patent ship-auger's, ("L'Hommedieu's,")		
$1\frac{3}{8}$ -inch	8 60	per dozen.
2 dozen patent ship-augers, ("L'Hommedieu's,")		
$1\frac{7}{16}$ -inch	9 00	per dozen.
2 dozen patent ship-augers, ("L'Hommedieu's,")		
$1\frac{9}{16}$ -inch	9 80	per dozen.
6 dozen auger-bits, (Cook's patent,) $\frac{3}{4}$ -inch	4 60	per dozen.
10 dozen auger-bits, (Cook's patent,) $\frac{13}{16}$ -inch	5 10	per dozen.
10 dozen auger-bits, (Cook's patent,) $\frac{7}{8}$ -inch	5 50	per dozen.
16 dozen auger-bits, (Cook's patent,) $\frac{1}{4}$ to $1\frac{3}{4}$ -inch	4 80	per dozen.
9 dozen screw-augers, (Pugh's,) from $\frac{1}{2}$ to $1\frac{7}{8}$ -inch	10 00	per dozen.

To be delivered as required.

WM. M. DAVIDSON. DATE OF CONTRACT OCTOBER 8, 1862.

Class No. 27, anthracite coal.

1, 000 tons (2,240 pounds) Lehigh egg-coal..... \$4 98 per ton.

All of the above coal to be of the best quality of its kind. The contractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy yard scales.

To be delivered, as required, within forty days.

Class No. 30, semi-bituminous Broad Top coal.

600 tons (2,240 pounds) semi-bituminous Broad Top
coal, for smiths' use..... \$6 10 per ton.

All the above coal is to be of the best quality of its kind. The contractor is to place it in carts provided by the government; and the quantity to be delivered is to be paid for at the weights of the navy yard scales.

To be delivered as required.

JOHN R. ELVANS. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 31, copper and composition nails. Miscellaneous.

800 pounds sheet copper, 36 by 72 inches \$0 50 per pound.
40 pounds copper nails, assorted..... 01 per pound.
6 pounds copper burrs 01 per pound.

To be delivered as required.

H. D. STOVER. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 32, machinery and tools. Miscellaneous.

1 small burring-machine, per sample	\$6 75	each.
2 laying-off machines, per sample	5 00	each.
2 burring-wheels, per sample	2 00	each.
1 wiring-machine, per sample	11 50	each.
1 square-head, medium size, per sample	3 50	each.
1 funnel-stake, per sample	5 00	each.
1 candle-mould stake, per sample	75	each.
1 pair iron-rollers, medium size, per sample	10 00	each.
20 planking jackscrews, ("Ballard's" patent,) 3 feet 6 inches and 4 feet, riveted	25 00	each.
1 lathe, to swing 20 inches, with 10-feet shears, with countershafting and pulleys, complete	450 00	each.
2 dozen large size copper squirt-cans, per sample	4 00	per dozen.

To be delivered as required.

Schedule of articles required at the United States naval asylum, Philadelphia, Pennsylvania, for the year ending June 30, 1863.

ANDREW ROBENO, JR. DATE OF CONTRACT OCTOBER 11, 1862.

Class No. 1, clothing. Miscellaneous.

Winter.

50 pea coats, coarse blue pilot cloth	\$9 00	each.
125 jackets, blue cloth	5 50	each.
160 vests, blue cloth	2 00	each.
200 pairs pants, blue cloth	4 00	per pair.
600 shirts, (over,) white cotton	75	each.
500 shirts, (under,) blue flannel, indigo dye	1 50	each.
200 shirts, (under,) Canton flannel, unbleached	80	each.
200 pairs drawers, blue flannel, indigo dye	1 50	per pair.
150 pairs drawers, Canton flannel, unbleached	80	per pair.
150 kerchiefs, black silk, for the neck	1 00	each.
400 pairs half hose, woollen	37	per pair.

Summer.

100 jackets, brown linen drilling	1 25	each.
75 vests, buff linen drilling	1 00	each.
150 pairs pants, brown duck	1 00	per pair.
30 pairs drawers, white cotton drilling	30	per pair.
400 pairs half hose, cotton	12	per pair.
400 pocket handkerchiefs, cotton	12	each.

The clothing to be made by measure, and all articles to be delivered as required.

WILLIAM MULDOON. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 2, hats, boots, shoes, &c. Miscellaneous.

100 hats, black felt	\$2 25	each.
75 pairs half boots, calf-skin	3 50	per pair.
250 pairs laced boots, navy pattern	1 75	per pair.

150 pairs slippers.....	\$0 75	per pair.
125 pairs boots and shoes, half-soled	50	per pair.
125 pairs boots and shoes, heeled.....	25	per pair.

To be delivered as required.

G. & A. SCHEIDT. DATE OF CONTRACT OCTOBER 13, 1862.

Class No. 3, provisions. Miscellaneous.

26,000 pounds beef, fresh and best quality.....	\$0 09½	per pound.
16,000 pounds beef, corned, best quality.....	08	per pound.
4,000 pounds mutton, fresh, best quality	08	per pound.
2,500 pounds salt pork, best quality	09	per pound.
1,200 pounds bacon, best quality.....	09	per pound.
6,500 pounds veal, fresh, best quality	09	per pound.
650 pounds dried beef, best quality	10	per pound.
650 pounds poultry, best quality	12½	per pound.
200 pounds lamb, fresh, best quality	10	per pound.
2,500 pounds fish, fresh, in season, and best quality	07	per pound.
35,000 pounds vegetables, fresh, in season, best quality	03	per pound.
750 bushels potatoes.....	90	per bushel.
15 bushels best dried white beans.....	2 00	per bushel.

To be delivered as required.

WILLIAM PATTON. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 4, groceries. Miscellaneous.

6,500 pounds butter, best quality	\$0 20	per pound.
7,000 pounds sugar, best brown.....	11	per pound.
2,700 pounds coffee, per sample.....	25	per pound.
500 pounds tea, per sample.....	87	per pound.
2,000 pounds rice, best quality	08	per pound.
1,000 pounds flour, superfine	03½	per pound.
200 pounds boxed raisins.....	20	per pound.
100 pounds mustard.....	30	per pound.
200 pounds pepper	25	per pound.
4 pounds assorted spices	1 00	per pound.
1,500 pounds fish, salt cod	05	per pound.
1,800 pounds mackerel, No. 1 ..	08	per pound.
600 pounds starch	08	per pound.
150 pounds soda, washing	04	per pound.
12 pounds indigo	1 50	per pound.
4,000 pounds soap, best hard	07	per pound.
100 gallons best New Orleans molasses	40	per gallon.
3,000 gallons milk, best quality	19	per gallon.
200 gallons cider vinegar..	12	per gallon.
10 gallons winter-strained oil.....	1 25	per gallon.
30 bushels salt	60	per bushel.
4 barrels pickles	3 00	per barrel.
35 barrels best soft-soap, each barrel to contain 30 gallons.....	2 50	per barrel.
500 eggs, fresh	1 80	per 100.

To be delivered as required.

E. J. CRIPPEN. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 5, dry goods. Miscellaneous.

24 mattresses, single, per sample.....	\$12 00	each.
36 pillows, hair, per sample.....	3 00	each.
20 dozen blankets, per sample	50 00	per dozen.
500 yards heavy bleached muslin sheeting, two yards wide.....	90	per yard.
300 yards heavy bleached pillow-case muslin.....	80	per yard.
2 dozen coverlets, per sample.....	85 00	per dozen.
400 yards huckaback toweling, per sample.....	50	per yard.
50 yards crash, for house cloths, per sample.....	40	per yard.
100 yards crash, for dish towels, per sample.....	40	per yard.
400 yards table linen, per sample.....	1 10	per yard.
2 pieces white bunting, best quality.....	8 00	per piece.
2 pieces red bunting, best quality.....	8 50	per piece.
1 piece blue bunting, best quality.....	8 00	per piece.
2 pounds white home-spun thread, best.....	1 50	per pound.
6 dozen spools Brooks's cotton, assorted.....	75	per dozen.
500 sewing needles, assorted.....	25	per 100.
To be delivered as required		

JOSEPH PETERS. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 6, bread, &c. Miscellaneous.

48,000 pounds best fresh bread.....	\$0 03½	per pound.
175 mince pies, size of dinner plates.....	15	each.
75 fruit pies, size of dinner plates.....	15	each.
To be delivered as required.		

WILLIAM. L. MADDOCK. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 7, tobacco. Miscellaneous.

2,500 pounds best chewing tobacco, per sample....	\$0 80	per pound.
To be delivered as required.		

JAMES O'DONNELL. FAILED TO EXECUTE.

Class No. 8, coal. Miscellaneous.

190 tons furnace coal, (2,240 lbs.).....	\$5 90	per ton.
190 tons range coal, (2,240 lbs.).....	5 90	per ton.
15 tons stove coal, (2,240 lbs.).....	5 90	per ton.
To be delivered as required.		

JOHN W. SIMES & SONS. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 9, paints, oils, and glass. Miscellaneous.

300 pounds white lead.....	\$0 10	per pound.
100 pounds black paint, in oil.....	03	per pound.
100 pounds putty.....	05	per pound.

2 boxes assorted window glass	\$3 00	per box.
12 gallons linseed oil	1 10	per gallon.
8 gallons neatsfoot oil	50	per gallon.
10 gallons spirits turpentine	3 50	per gallon.
3 gallons copal varnish	3 00	per gallon.
6 gallons lacquer	1 75	per gallon.
1 gallon japan drying	3 50	per gallon.
5 gallons spirits wine	75	per gallon.
10 gallons dubbing	1 00	per gallon.
1 dozen paint-brushes, assorted	6 00	per dozen.
6 varnish-brushes	60	each.
1 dozen lamp-shades, per sample	3 00	per dozen.
4 globe lanterns, per sample	1 00	each.
To be delivered as required.		

Class No. 10, bricks, &c. Miscellaneous.

5,000 paving bricks, best quality	\$9 00	per M.
15 loads best sharp gravel	1 25	per load.
100 bushels lime	25	per bushel.
To be delivered as required.		

LEWIS THOMPSON & Co. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 11, lumber. Miscellaneous.

300 feet $\frac{1}{2}$ -inch pine lumber, (board measure)	\$25 00	per M feet.
300 feet $1\frac{1}{2}$ -inch pine lumber, (board measure) ...	32 00	per M feet.
500 feet 2-inch pine lumber, (board measure)	32 00	per M feet.
500 feet 3-inch pine lumber, (board measure)	32 00	per M feet.
800 feet panel boards, not less than 22 inches wide	35 00	per M feet.
800 feet hemlock lumber, best quality, (sizes as required)	12 00	per M feet.
1,000 feet oak lumber, best quality, (sizes as required)	38 00	per M feet.
400 feet ash lumber, best quality, (sizes as required)	37 00	per M feet.
2,000 feet white pine boards	20 00	per M feet.
6,000 feet No. 1 Carolina heart pine flooring, to be free from knots, planed and matched, 4 inches wide	50 00	per M feet.
To be delivered as required.		

PAUL J. FIELD. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 12, fire-wood. Miscellaneous.

8 cords yellow pine wood	\$6 45	per cord.
To be delivered as required.		

Class No. 13, provender. Miscellaneous.

200 bushels oats, best quality	\$0 64	per bushel.
100 bushels bran, (double bushels)	55	per bushel.
50 bushels corn	84	per bushel.
5 bushels flaxseed	2 00	per bushel.
250 bundles rye straw	09	per bundle.

To be delivered as required.

EDWIN G. STONES. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 14. Miscellaneous.

10 bushels stonecutters' sand	\$0 40	per bushel.
80 bushels peweter sand	18	per bushel.
20 sweeping-brushes	45	each.
4 dozen dusting-brushes	5 20	per dozen.
8 dozen hand-scrubs	3 00	per dozen.
6 dozen clamp-scrubs	2 75	per dozen.
30 dozen corn brooms	3 00	per dozen.
2 dozen whitewash brushes, (per sample)	4 00	per dozen.
15 dozen table knives, (per sample)	1 10	per dozen.
15 dozen table forks, (per sample)	1 10	per dozen.
16 dozen table spoons, Britannia, (per sample)	1 00	per dozen.
8 dozen delf pitchers, (per sample)	2 50	per dozen.
20 dozen bowls, (quarts,) ironstone	1 60	per dozen.
20 dozen soup plates, ironstone	1 60	per dozen.
12 dozen tin tumblers, (per sample)	75	per dozen.
70 dozen boxes blacking, (per sample)	65	per dozen.
6 dozen shoe brushes, (per sample)	2 75	per dozen.
8 dozen tin pitchers, (per sample)	9 00	per dozen.
4 dozen tin washbasins, (per sample)	3 50	per dozen.
8 dozen chambers, ironstone	2 00	per dozen.
8 dozen painted buckets	3 60	per dozen.
3 dozen dust-pans	2 00	per dozen.
12 dozen Bath bricks	15	per dozen.
6 dozen pepper bottles, (per sample)	75	per dozen.
4 dozen saltcellars, (per sample)	25	per dozen.
2 dozen molasses bottles, (per sample)	3 00	per dozen.
6 dozen mustard cups, (per sample)	50	per dozen.
2 dozen vinegar bottles, (per sample)	3 00	per dozen.
2 dozen stoneware spittoons, (per sample)	7 00	per dozen.
12 dozen clothes-whisks, (per sample)	1 00	per dozen.
20 gross beach clothes-pins	05	per gross.
18 clothes-baskets, (per sample)	1 75	each.
24 clothes-lines	1 50	each.
1 coil signal halyards, 120 fathoms	3 00	per coil.
2 dozen washtubs, (per sample)	15 00	per dozen.
2 dozen washboards, zinc	3 00	per dozen.
2 dozen flatirons, 200 pounds	1 50	per dozen.
2 horse-buckets, iron hoops	1 25	each.

To be delivered as required.

Class No. 15, hardware. Miscellaneous.

3 hatchets, handled, per sample	\$0 50	each.
24 hanks sash-cord	15	per hank.
12 gross iron screws, assorted	50	per gross.
1 dozen door-locks, assorted	3 75	per dozen.
1 dozen door-latches, with knobs	3 50	per dozen.
6,000 tacks, assorted	05	per M.
6 pounds sprigs, assorted	08	per pound.
12 padlocks, per sample	20	each.

12	locker-locks	\$0 18	each.
6	pounds glue	15	per pound.
400	sheets sandpaper	70	per 100.
2	currycombs and brushes	80	each.
6	dozen pairs iron butt-hinges, assorted	55	per doz. pairs.
6	spades, best quality	70	each.
6	shovels, best quality	75	each.
3	dozen brass door-knobs	4 00	per dozen.
6	wrought-iron rakes, handled, per sample	50	each.
6	scuffling hoes, handled, per sample	30	each.
3	manure-forks, handled, per sample	60	each.
6	hoes, handled, per sample	30	each.
1	box XXXX tin	21 00	per box.
2	dozen coal-scuttles, No. 20 sheet iron	12 00	per dozen.
6	pairs strap-hinges, per sample	20	per pair.
1	dozen hay-rakes, wood	2 10	per dozen.
5	pounds copper bell-wire	30	per pound.
750	pounds cut nails, assorted sizes	04	per pound.
20	pounds wrought nails, assorted sizes	12	per pound.
1½	dozen saw-files	1 30	per dozen.
1	dozen gimlets, assorted	36	per dozen.
3	wood-axes, handled	85	each.
2	dozen scythe-stones and rifles	1 80	per dozen.
2	bucksaws	60	each.
2	pruning-knives	60	each.
3	grass-scythes	1 25	each.
3	grass-sickles	25	each.
2	two-foot rules	50	each.
2	pairs compasses	25	each.
1	set tinnors' chisels	2 50	per set.
12	bake-pans, iron, 22¼ inches long, 16¼ wide, 6 and 4 deep	1 25	each.

To be delivered as required.

FERDINAND FOSTER. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 16, stationery. Miscellaneous.

6	blank books, assorted, printed and ruled, per sample	\$8 25	each.
1	log-book, per sample	4 00	each.
1	requisition-book, per sample, printed	7 00	each.
2	legers, per sample	6 00	each.
10	quires blank billheads, per sample	95	per quire.
6	reams cap paper, Congress, careu	3 25	per ream.
4	reams letter paper, best, thick	3 00	per ream.
4	quires envelope paper	25	per quire.
2	quires blotting-board	63	per quire.
800	legal envelopes, best, thick	75	per 100.
800	letter envelopes, best, thick	30	per 100.
6	boxes steel pens, best	50	per box.
12	bottles black ink	35	per bottle.
12	bottles black copying ink	50	per bottle.
2	bottles carmine ink	25	per bottle.
1	dozen mucilage	25	per bottle.
3	dozen lead pencils	37	per dozen.

2 dozen sticks sealingwax.....	\$0 75	per dozen
2 dozen pieces red tape.....	20	per dozen.
8 memorandum-books, assorted.....	25	each.
4 penknives, best quality.....	1 25	each.
8 dozen penholders.....	25	per dozen.
6 reams note paper, best, thick.....	2 25	per ream.
1 pair large paper shears.....	1 75	per pair.
1 box instruments, best.....	15 00	per box.
1 copying-press and book.....	4 50	each.
6 quires copying paper.....	31	per quire.
2 pen-racks.....	37½	each.
2 paper-cutters, ivory.....	38	each.
2 portfolios, large size.....	2 00	each.
2 large inkstands.....	1 50	each.
2 paper-weights.....	38	each.
2 sponges and holders, for drying pens.....	38	each.
To be delivered as required.		

Schedule of materials required at the United States navy yard, Washington, D. C., for the year ending June 30, 1863.

GEORGE H. PLANT. NOT EXECUTED.

Washington. Class No. 1, bricks.

200,000 best hard red hand-made bricks..... \$8 80 per M.
To be delivered as required.

NICHOLAS ACKER. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 2, stone. Miscellaneous.

4,000 square yards Belgian pavement, the stones to
be 5 or 6 inches square and 9 inches deep, to
be laid in the best manner \$2 58 per square yard.

The pavement will be laid in strips about three feet wide, and the contracts will be required to furnish all the materials and execute the work in the best possible manner for the price named per square yard.

To be executed as required.

ESAU PICKRELL. DATE OF CONTRACT OCTOBER 8, 1862.

Class No. 4, yellow pine lumber.

53,000 feet (board measure) 2-inch North Carolina yellow
pine, to be 6 inches wide and in lengths of 30 feet
and upwards..... \$38 00 per M.
10,000 feet (board measure) 1½-inch North Carolina yellow
pine mill-worked flooring, in 16-foot lengths, 4 to 5½
inches wide..... 50 00 per M.
50 pieces yellow pine, 16 feet long, 4 by 4 inches 80 each.
154 pieces yellow pine, 20 feet long, 3 by 12 inches 2 50 each.
53 pieces yellow pine, 20 feet long, 4 by 6 inches 1 50 each.
50 pieces yellow pine, 24 feet long, 3 by 12 inches 2 85 each.
150 pieces yellow pine, 30 feet long, 2 by 8 inches 1 60 each.
50 pieces yellow pine, 30 feet long, 1½ by 13 inches 2 50 each.

To be delivered as required.

Class No. 5, oak and hard wood. Miscellaneous.

60 pieces white oak square timber, 30 feet long, 12 inches square, to be sound and straight—say 1,800 cubic feet.....	\$0 65	per cubic foot.
2,000 feet (board measure) white ash plank, 4½ inches thick	45 00	per M.
200 feet (board measure) white ash plank, 2½ inches thick	05	per foot.
200 feet (board measure) white ash plank, 1 inch thick	03	per foot.
2,000 feet (board measure) white oak plank, 2½ inches thick	45 00	per M.
2,000 feet (board measure) white oak plank, 1 inch thick	03½	per foot.
1,000 feet (board measure) mahogany plank, assorted thickness.....	30 00	per M.
1,000 feet (board measure) hickory plank, 3 inches thick, in 6 or 12 feet lengths, as ordered; to be clear of knots and other defects.....	60 00	per M.
8 cords hickory butts, 6 feet long; to be straight, clear of knots and shakes, and the bark taken off.....	20 00	per cord.
1,000 white oak staves, 63 inches long, of the best quality.....	120 00	per M.
2,000 white oak staves, 38 inches long, of the best quality.....	65 00	per M.
1,000 pieces white oak heading, 20 inches long, of the best quality	56 00	per M.
1,000 hickory poles, 8 feet long and not less than 1½ inch at the butt end	25 00	per M.

To be delivered as required.

JAMES BIGLER. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 6, white pine, spruce, juniper, and cypress.

150 pieces white pine 20 feet long, 3 by 4 inches	\$0 50	each.
52 pieces white pine 20 feet long, 4 by 6 inches.....	1 00	each.
50 pieces white pine 20 feet long, 4 by 5 inches.....	85	each.
40 pieces white pine 18 feet long, 4 by 12 inches.....	1 80	each.
60 pieces white pine 20 feet long, 6 by 6 inches.....	1 50	each.
40 pieces white pine 18 feet long, 9 by 10 inches	3 38	each.
2,000 feet (board measure) 2-inch prime white pine	45 00	per M.
2,000 feet (board measure) 1-inch prime white pine	45 00	per M.
20,000 feet (board measure) 2-inch merchantable white pine ..	33 00	per M.
20,000 feet (board measure) 1½-inch merchantable white pine..	33 00	per M.
28,000 feet (board measure) 1-inch merchantable white pine ..	33 00	per M.
2,000 feet (board measure) 2-inch common cullings white pine	20 00	per M.
35,000 feet (board measure) 1-inch common cullings white pine	18 00	per M.
10,000 feet (board measure) 3-inch white pine plank, in lengths from 25 to 50 feet, sawed to parallel edges.....	30 00	per M.

To be delivered as required.

JOSEPH L. SAVAGE. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 7, lime, hair, and plaster. Miscellaneous.

400 barrels best wood-burned lime..... \$1 24 per barrel.
To be delivered as required.

Class No. 9, gravel and sand. Miscellaneous.

4, 025 barrels clean sharp building-sand \$0 12 per barrel.
630 bushels best fire-sand 35 per bushel.
25 cartloads best Albany moulding-sand..... 3 75 per cartload.
10 cartloads best Staatsburg moulding-sand .. 5 00 per cartload.
114 cartloads best core-sand 90 per cartload.
410 cartloads best loam-sand..... 75 per cartload.
6 cartloads best bottom-sand, per sample..... 5 00 per cartload.
8 cartloads best red-sand, per sample..... 4 00 per cartload.

To be delivered as required—15 bushels to the cartload.

Class No. 11, iron, iron nails, and spikes. Miscellaneous.

16, 500 pounds round bar iron, from $\frac{1}{4}$ to $3\frac{1}{2}$ inches..... \$0 04 per pound.
7, 000 pounds square bar iron, from $\frac{1}{2}$ to 3 inches 02 per pound.
10, 300 pounds flat bar iron, from $1\frac{1}{4}$ to 6 inches wide, and $\frac{1}{4}$
to 1 inch thick, as ordered 04 per pound.
100 feet cold rolled iron shafting, 3 inches diameter—say
2,300 pounds 04 per pound.
100 feet cold rolled iron shafting, $2\frac{1}{2}$ inches diameter—say
1,600 pounds 04 per pound.
100 feet cold rolled iron shafting, 2 inches diameter—say
1,000 pounds 05 per pound.
100 feet cold rolled iron shafting, $1\frac{1}{2}$ inches diameter—say
600 pounds 05 per pound.
450 pounds American sheet iron, from 12 to 24 wire gauge 06 per pound.
300 pounds Russia sheet-iron..... 10 per pound.
19, 200 pounds iron cut nails, from 3d to 40d, as ordered.... 04 per pound.
3, 000 pounds iron wrought nails, from 4d to 12d, as ordered 04 per pound.
1, 800 pounds cut spikes, from 4 to 7 inches, as ordered.... 04 per pound.
500 pounds wire, from No. 5 to 20 wire gauge..... 04 per pound.

To be delivered as required.

Class No. 12, steel. Miscellaneous.

4, 850 pounds best cast steel, from $\frac{1}{8}$ to $1\frac{1}{4}$ inches square.... \$0 16 per pound.
2, 450 pounds best cast steel, from $1\frac{3}{8}$ to $3\frac{1}{2}$ inches square.... 18 per pound.
1, 500 pounds best cast steel, from $\frac{5}{8}$ to 3 inches octagon.... 14 per pound.
1, 000 pounds best cast steel, from 1 to 6 inches wide, and $\frac{1}{2}$
to $1\frac{1}{2}$ inch thick 12 per pound.
800 pounds best shear steel, from 1 to 6 inches wide, and
 $\frac{3}{8}$ to $1\frac{1}{2}$ inch thick..... 10 per pound.
600 pounds best English blister steel, large size 08 per pound.

To be delivered as required.

Class No. 13, pig iron. Miscellaneous.

100 tons No. 1 best American pig iron, 2,240 pounds to the ton. \$26 00 per ton.

To be delivered as required.

Class No. 14, files. Miscellaneous.

8 dozen 18-inch hand bastard files	\$15 00	per dozen.
22 dozen 16-inch hand bastard files	10 25	per dozen.
8 dozen 15-inch hand bastard files	1 00	per dozen.
70 dozen 14-inch hand bastard files	7 00	per dozen.
80 dozen 12-inch hand bastard files	5 00	per dozen.
65 dozen 10-inch hand bastard files	3 50	per dozen.
35 dozen 8-inch hand bastard files	2 50	per dozen.
35 dozen 6-inch hand bastard files	1 75	per dozen.
8 dozen 4-inch hand bastard files	1 00	per dozen.
6 dozen 18-inch flat bastard files	12 00	per dozen.
10 dozen 16-inch flat bastard files	8 50	per dozen.
8 dozen 15-inch flat bastard files	1 00	per dozen.
60 dozen 14-inch flat bastard files	5 75	per dozen.
46 dozen 12-inch flat bastard files	4 25	per dozen.
12 dozen 10-inch flat bastard files	3 00	per dozen.
8 dozen 8-inch flat bastard files	2 00	per dozen.
6 dozen 6-inch flat bastard files	1 50	per dozen.
6 dozen 4-inch flat bastard files	1 00	per dozen.
35 dozen 16-inch half-round bastard files	9 50	per dozen.
8 dozen 15-inch half-round bastard files	1 00	per dozen.
60 dozen 14-inch half-round bastard files	6 50	per dozen.
60 dozen 12-inch half-round bastard files	4 75	per dozen.
54 dozen 10-inch half-round bastard files	3 25	per dozen.
50 dozen 8-inch half-round bastard files	2 00	per dozen.
30 dozen 6-inch half-round bastard files	1 60	per dozen.
8 dozen 4-inch half-round bastard files	50	per dozen.
20 dozen 16-inch round bastard files	9 50	per dozen.
20 dozen 14-inch round bastard files	4 75	per dozen.
28 dozen 12-inch round bastard files	3 25	per dozen.
20 dozen 10-inch round bastard files	3 25	per dozen.
10 dozen 8-inch round bastard files	2 00	per dozen.
16 dozen 6-inch round bastard files	1 50	per dozen.
8 dozen 4-inch round bastard files	2 00	per dozen.
13 dozen 16-inch four-square bastard files	8 75	per dozen.
28 dozen 14-inch four-square bastard files	5 75	per dozen.
20 dozen 12-inch four-square bastard files	5 00	per dozen.
23 dozen 10-inch four-square bastard files	3 00	per dozen.
8 dozen 8-inch four-square bastard files	2 10	per dozen.
3 dozen 6-inch four-square bastard files	2 00	per dozen.
3 dozen 4-inch four-square bastard files	2 00	per dozen.
22 dozen 12-inch three-square bastard files, Stubbs's ...	6 00	per dozen.
24 dozen 10-inch three-square bastard files, Stubbs's ...	5 00	per dozen.
24 dozen 8-inch three-square bastard files, Stubbs's ...	4 00	per dozen.
14 dozen 6-inch three-square bastard files, Stubbs's ...	3 00	per dozen.
2 dozen 12-inch float bastard files, Stubbs's	5 00	per dozen.
2 dozen 10-inch float bastard files, Stubbs's	4 00	per dozen.
3 dozen 16-inch flat rough files	9 00	per dozen.

16 dozen 16-inch half-round rough files.....	\$8 50	per dozen.
15 dozen 14-inch hand smooth files	9 00	per dozen.
15 dozen 12-inch hand smooth files	6 50	per dozen.
15 dozen 10-inch hand smooth files	4 50	per dozen.
15 dozen 8-inch hand smooth files	3 25	per dozen.
12 dozen 6-inch hand smooth files	2 50	per dozen.
14 dozen 14-inch flat smooth files, Stubbs's	10 00	per dozen.
30 dozen 12-inch flat smooth files, Stubbs's	9 00	per dozen.
30 dozen 10-inch flat smooth files, Stubbs's	7 50	per dozen.
20 dozen 8-inch flat smooth files, Stubbs's	4 00	per dozen.
20 dozen 6-inch flat smooth files, Stubbs's	3 00	per dozen.
10 dozen 4-inch flat smooth files, Stubbs's	2 00	per dozen.
25 dozen 14-inch half-round smooth files, Stubbs's.....	10 00	per dozen.
40 dozen 12-inch half-round smooth files, Stubbs's.....	8 00	per dozen.
45 dozen 10-inch half-round smooth files, Stubbs's.....	6 00	per dozen.
45 dozen 8-inch half-round smooth files, Stubbs's.....	4 00	per dozen.
35 dozen 6-inch half-round smooth files, Stubbs's.....	3 00	per dozen.
10 dozen 4-inch half-round smooth files, Stubbs's.....	2 00	per dozen.
8 dozen 12-inch round smooth files, Stubbs's	8 00	per dozen.
8 dozen 10-inch round smooth files, Stubbs's	6 00	per dozen.
8 dozen 8-inch round smooth files, Stubbs's	4 00	per dozen.
6 dozen 6-inch round smooth files, Stubbs's.....	3 00	per dozen.
4 dozen 12-inch four-square smooth files, Stubbs's.....	4 00	per dozen.
4 dozen 10-inch four-square smooth files, Stubbs's.....	3 00	per dozen.
4 dozen 8-inch four-square smooth files, Stubbs's.....	2 00	per dozen.
4 dozen 8-inch four-square smooth files, Stubbs's.....	2 00	per dozen.
4 dozen 6-inch four-square smooth files, Stubbs's.....	1 00	per dozen.
12 dozen 6-inch three-square smooth files, Stubbs's ...	1 00	per dozen.
2 dozen 8-inch knife-edge smooth files, Stubbs's.....	1 50	per dozen.
2 dozen 6-inch knife-edge smooth files, Stubbs's.....	1 00	per dozen.
2 dozen 14-inch hand dead-smooth files, Stubbs's.....	14 00	per dozen.
3 dozen 12-inch hand dead-smooth files, Stubbs's.....	12 00	per dozen.
4 dozen 10-inch hand dead-smooth files, Stubbs's.....	10 00	per dozen.
4 dozen 8-inch hand dead-smooth files, Stubbs's.....	8 00	per dozen.
4 dozen 6-inch hand dead-smooth files, Stubbs's.....	6 00	per dozen.
4 dozen 4-inch hand dead-smooth files, Stubbs's.....	2 00	per dozen.
4 dozen 10-inch oval dead-smooth files, Stubbs's.....	4 00	per dozen.
6 dozen 8-inch oval dead-smooth files, Stubbs's.....	3 00	per dozen.
6 dozen 6-inch oval dead-smooth files, Stubbs's.....	2 00	per dozen.
8 dozen 10-inch hand second-cut files, Stubbs's	3 00	per dozen.
15 dozen 8-inch hand second-cut files, Stubbs's	2 00	per dozen.
25 dozen 6-inch hand second-cut files, Stubbs's	1 00	per dozen.
3 dozen 6-inch warding files, Stubbs's	1 50	per dozen.
3 dozen 5-inch warding files, Stubbs's	1 25	per dozen.
3 dozen 4-inch warding files, Stubbs's	1 00	per dozen.
3 dozen 3-inch warding files, Stubbs's	1 00	per dozen.
20 dozen 5-inch three-square taper saw files, Stubbs's.	2 00	per dozen.
90 dozen 4½-inch three-square taper saw files	1 50	per dozen.
90 dozen 4-inch three-square taper saw files	1 25	per dozen.
6 dozen 3½-inch three-square taper saw files	1 20	per dozen.
100 dozen 3-inch three-square taper saw files.....	1 00	per dozen.
8 dozen 8-inch crosscut-saw files.....	1 50	per dozen.
5 dozen 14-inch millsaw files.....	6 00	per dozen.
25 dozen 12-inch millsaw files.....	3 50	per dozen.
12 dozen 11-inch millsaw files.....	2 00	per dozen.
15 dozen 10-inch millsaw files.....	3 50	per dozen.

2 dozen 14-inch cabinet files	\$4 50	per dozen.
5 dozen 12-inch cabinet files	3 50	per dozen.
2 dozen 10-inch cabinet files	2 50	per dozen.
2 dozen 8-inch cabinet files	2 00	per dozen.
2 dozen 16-inch horseshoe rasp files	6 00	per dozen.

To be delivered as required.

H. J. COLLINS & Co. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 15, paints, oils, and glass. Miscellaneous.

10,000 pounds pure white lead, in oil	\$0 08 $\frac{9}{10}$	per pound.
3,000 pounds pure white zinc, in oil	07	per pound.
1,000 pounds pure white zinc, dry	05	per pound.
3,500 pounds pure Spanish whiting, dry	01 $\frac{1}{2}$	per pound.
2,000 pounds pure Spanish brown, dry	01	per pound.
600 pounds pure litharge, dry	09	per pound.
2,000 pounds pure French yellow ochre, dry	03	per pound.
300 pounds pure chrome green, dry	20	per pound.
5 pounds pure ultramarine blue, dry	20	per pound.
5 pounds pure Prussian blue, dry	40	per pound.
50 pounds pure unburnt Turkey umber, dry	04	per pound.
25 pounds pure English vermilion, dry	1 00	per pound.
20 pounds pure Terra de Sienna, raw	10	per pound.
300 pounds pure English Venitian red, dry	03	per pound.
500 pounds pure red lead, dry	09	per pound.
125 pounds pure gum shellac, dry	60	per pound.
5 pounds pure rose pink, dry	05	per pound.
600 pounds pure potash, dry	10	per pound.
1,000 pounds pure Blake's fire-proof paint, chocolate color, dry	04	per pound.
1,000 gallons pure linseed oil, raw	90	per gallon.
200 gallons pure spirits turpentine	2 40	per gallon.
80 gallons pure spirits of wine, 95 per cent	70	per gallon.
45 gallons best copal varnish	3 00	per gallon.
30 gallons best gum de mar varnish	2 50	per gallon.
5 gallons best English coach varnish	1 00	per gallon.
30 gallons best Japan varnish	2 50	per gallon.
80 gallons best pumiced zinc dryer	1 30	per gallon.
600 feet best quality double-thick Baltimore glass, 11 by 14 inches	30 00	per 100 feet.
600 feet best quality double-thick Baltimore glass, 11 by 15 inches	30 00	per 100 feet.
900 feet best quality double-thick Baltimore glass, 10 by 12 inches	30 00	per 100 feet.
300 feet best quality double-thick Baltimore glass, 14 by 15 inches	30 00	per 100 feet.
400 feet best quality double-thick Baltimore glass, 14 by 17 inches	25 00	per 100 feet.
400 feet best quality double-thick Baltimore glass, 10 by 15 inches	20 00	per 100 feet.
200 feet best quality double-thick Baltimore glass, 14 by 22 inches	18 00	per 100 feet.
100 feet best quality double-thick Baltimore glass, 9 by 14 inches	10 00	per 100 feet.

300 feet best quality double-thick Baltimore glass, 8 by 10 inches	\$10 00	per 100 feet.
300 feet best quality double-thick Baltimore glass, 12 by 18 inches	20 00	per 100 feet.
100 feet best quality double-thick Baltimore glass, 8 by 15 inches	5 00	per 100 feet.
300 feet best quality double-thick Baltimore glass, 11 by 17 inches	20 00	per 100 feet.
100 feet best quality double-thick Baltimore glass, 26 by 32 inches	6 00	per 100 feet.
To be delivered as required.		

JOS. L. SAVAGE. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 16, ship chandlery. Miscellaneous.

8 pounds gum arabic	\$0 75	per pound.
100 pounds muriatic acid	06	per pound.
270 pounds refined borax	20	per pound.
500 pounds white chalk	05	per pound.
35 pounds red chalk	05	per pound.
500 pounds sperm candles	30	per pound.
100 pounds emery, assorted	10	per pound.
350 pounds Irish glue	20	per pound.
25 pounds isinglass	70	per pound.
10 pounds bricklayers' hemp line	1 00	per pound.
50 pounds white marline	20	per pound.
5,000 pounds oakum for wiping	10	per pound.
250 pounds oakum for caulking	10	per pound.
5 pounds prussiate of potash	10	per pound.
700 pounds brown or yellow soap	06	per pound.
50 pounds castile soap	15	per pound.
10 pounds toilet soap	10	per pound.
15 pounds Scotch stone	50	per pound.
20 pounds Scotch stone, pulverized	10	per pound.
10 pounds rotten stone	05	per pound.
5 pounds fine sponge	2 00	per pound.
250 pounds braziers' solder, long grained	40	per pound.
2,500 pounds clean tallow	15	per pound.
4 pounds shoe thread	50	per pound.
5 pounds Scotch thread, fine	75	per pound.
10 pounds flax sewing-twine	40	per pound.
30 pounds flax whipping-twine	40	per pound.
10 pounds cotton sewing-twine	10	per pound.
40 pounds Mount Eagle Tripoli	19	per pound.
2,750 pounds cotton waste	25	per pound.
75 pounds cotton lampwick, yarn	65	per pound.
200 pounds hemp packing yarn	10	per pound.
3,000 pounds best belt leather, 18 to 24 pounds to the side	30	per pound.
2,000 pounds best hose leather, 18 to 18 pounds to the side	35	per pound.
60 pounds best pump leather, 28 to 32 pounds to the side	40	per pound.
400 pounds oil of vitriol	04	per pound.

50 pounds curled hair, for cushions	\$0 30	per pound.
60 dozen best corn brooms	2 55	per dozen.
25 dozen best hickory brooms	2 00	per dozen.
24 dozen best paint brushes, 000000, R. C. Smith, New York	9 00	per dozen.
1 dozen best varnish brushes, R. C. Smith, New York	4 00	per dozen.
24 dozen best paint tools, No. 8	2 50	per dozen.
3 dozen best paint dusters, No. 5	3 00	per dozen.
4 dozen best paint fitches, $\frac{7}{8}$ to $1\frac{1}{4}$ inch, flat	1 50	per dozen.
4 dozen best paint fitches, No. 18 to 22, round.	75	per dozen.
12 dozen best paint pencil brushes, for lettering.	10	per dozen.
2 dozen best fine camel-hair pencils	75	per dozen.
13 dozen best double dusting brushes	6 50	per dozen.
2 dozen best single dusting brushes	3 00	per dozen.
3 dozen best whitewash brushes, 10 knot	4 00	per dozen.
1 dozen best painters' cleaning brushes	1 00	per dozen.
$\frac{1}{2}$ dozen best sweeping brushes, long handles ..	6 00	per dozen.
4 dozen best hand scrub brushes	3 00	per dozen.
1 dozen best long-handle scrub brushes	3 00	per dozen.
3 dozen best glue brushes	1 00	per dozen.
2 dozen best bellows, for foundry uses, 12 to 16 inches	12 00	per dozen.
$3\frac{1}{2}$ dozen best patented brass-spring oil cans, as- sorted sizes	3 00	per dozen.
12 dozen best spools glazed sewing cotton, No. 10 to 50	75	per dozen.
7 dozen best fine chalk lines, each 100 feet in length	3 00	per dozen.
4 dozen best papers British lustre	25	per dozen.
1 dozen best sheets mica, 6 by 8 inches	1 00	per dozen.
3 dozen best double-jointed 2-foot rules, bound.	6 00	per dozen.
3 dozen best glass thimbles	01	per dozen.
2 dozen best oilstones	3 00	per dozen.
1 dozen best washbasins	4 00	per dozen.
1 dozen best pitchers	6 00	per dozen.
10 barrels sour or condemned flour, for foundry use	4 00	per barrel.
4 barrels No. 1 rosin, 300 pounds to the barrel.	10 00	per barrel.
2 barrels soft soap, 30 gallons to the barrel	5 00	per barrel.
90 gallons molasses, suitable for foundry use	25	per gallon.
5 gross boxes matches, best quality	75	per gross.
13 reams assorted emery cloth, best quality	6 00	per ream.
8 reams assorted sand-paper, best quality	4 00	per ream.
10 reams assorted glass-paper, best quality	50	per ream.
10 bolts best English bunting, as ordered	7 00	per bolt.
12 bolts scarlet worsted binding, 1 inch wide, full length	50	per bolt.
2 common water-closet basins	1 00	each.
2 porcelain washbowls, with valves and cocks, complete	2 00	each.
6 papers best quality copper bronze, No. 1,500.	2 00	per paper.
6 packages best quality gold leaf, deep shade ..	8 00	per package.
2 flue brushes, 16 inches in diameter	6 00	each.
2 sets graining combs	1 00	per set.
2 glaziers' diamonds, best quality	4 50	each.
150 square yards felt, 1 inch thick	90	per sq. yard.

50 yards Canton flannel	\$0 25	per yard.
10 yards towelling	20	per yard.
62 sides best quality lacing leather	1 75	per side.
2 sides best quality bellows leather	4 50	per side.
9 spirit levels, best	1 00	each.
1 tape line, 100 feet in length	1 00	each.
2 metallic tape lines, each 100 feet in length...	6 00	each.
2 metallic tape lines, each 50 feet in length....	2 00	each.
40 yards bleached muslin, 1 yard wide	20	per yard.
40 yards white linen sheeting, 2 yards wide	50	per yard.
10 chamois skins, best quality	40	each.
6 gilders' tips, 4 inches wide	10	each.
6 thermometers, assorted sizes	50	each.
6 bolts No. 10 cotton duck, (50 yards to the bolt,) 22 inches wide	25 00	per bolt.
4 bolts flax canvas, (40 yards to the bolt,) 20 inches wide	10 00	per bolt.
4 bolts light linen raven's duck, (40 yards each,) 27 inches wide	8 00	per bolt.

To be delivered as required.

Class No. 17, hardware. Miscellaneous.

1 carpenters' adze	\$1 50	each.
2 steel-faced anvils, about 300 pounds each	24 00	each.
6 mouse-hole anvils, about 300 pounds each	36 00	each.
6 cast-iron anvils, about 300 pounds each	1 00	each.
1 dozen cast-steel wood axes, best quality	15 00	per dozen.
12 dozen patent ship augers, say 800 quarters....	16	per quarter.
3 dozen 15-inch hacksaw blades	4 00	per dozen.
7½ dozen 14-inch hacksaw blades	2 00	per dozen.
4 dozen 12-inch hacksaw blades	4 00	per dozen.
5 dozen 28-inch upright saw blades	3 00	per dozen.
2 dozen 2½-inch brass flush bolts, ¾ inch wide	1 50	per dozen.
2 dozen 4-inch brass flush bolts, 1 inch wide	1 75	per dozen.
4 dozen 6-inch iron round bolts, with springs....	1 00	per dozen.
6 dozen 4½-inch iron flat bolts, with springs	75	per dozen.
6 dozen 9-inch iron flat bolts, with springs	1 50	per dozen.
1½ dozen spring calipers, assorted sizes	6 00	per dozen.
1½ dozen spring dividers, 12 to 14 inches long	6 00	per dozen.
½ dozen Stubbs's wire gauges	6 00	per dozen.
1 dozen gimlets, assorted sizes	20	per dozen.
1 dozen hatchets	6 00	per dozen.
1 dozen hoes, No. 2, best quality	6 00	per dozen.
6 dozen 3½-inch brass hooks, one side flat	50	per dozen.
12 dozen brass double clothes hooks	2 00	per dozen.
6 dozen pairs 5-inch parliament hinges ..	25	per pair.
12 dozen pairs 5½-inch parliament hinges	25	per pair.
24 dozen iron butt hinges, 2½ by 2 inches, fast joints	30	per dozen.
24 dozen iron butt hinges, 3½ by 2½ inches, fast joints	25	per dozen.
24 dozen iron butt hinges, 3 by 3 inches, fast joints	50	per dozen.
24 dozen iron butt hinges, 4 by 4 inches, fast joints	1 25	per dozen.
30 dozen iron butt hinges, 2 by 2½ inches, fast joints	50	per dozen.

50 dozen iron butt hinges, 2 by 1½ inches, fast joints	\$0 40	per dozen.
30 dozen iron right and left hinges, 2½ by 2 inches, slip joints	40	per dozen.
30 dozen iron right and left hinges, 3½ by 2½ inches, slip joints	60	per dozen.
60 dozen iron right and left hinges, 4 by 4 inches, slip joints	1 00	per dozen.
50 dozen iron right and left hinges, 3 by 3 inches, slip joints	70	per dozen.
25 dozen iron right and left hinges, 2½ by 2 inches, slip joints	60	per dozen.
24 dozen iron butt hinges, 2 by 1½ inch, slip joints	30	per dozen.
1 dozen pallet knives, from 6 to 12 inches	50	per dozen.
2 dozen brass padlocks, with chains and keys to differ	6 00	per dozen.
2 dozen 4-inch iron mortise-locks ⅝-inch thick, with white porcelain knobs, furniture plated, brass keys and bolts, complete	9 00	per dozen.
2 dozen 6-inch carpenters' locks, iron rims, with brown knobs and furniture, complete	9 00	per dozen.
4 dozen iron cupboard-locks, 3 by 4 inches, right and left	2 00	per dozen.
4 dozen iron cupboard-locks, 2 by 3 inches, right and left	1 50	per dozen.
6 dozen brass drawer-locks, 3 by 3½ inches	2 00	per dozen.
6 dozen brass chest-locks, 3 by 4 inches, to be tumbler, 3 springs, and keys to differ	6 00	per dozen.
2 dozen papers sewing needles, from Nos. 1 to 6	10	per dozen.
½ dozen pairs No. 3 pinchers	3 00	per dozen.
1 dozen pairs cutting plyers	3 00	per dozen.
1 dozen pairs round nose plyers	3 00	per dozen.
4 dozen steel-pointed picks, Ames's best	6 50	per dozen.
6 dozen brass flush-rings, 1½ by 1¾ inch	1 50	per dozen.
3 dozen brass screw-rings, ⅞-inch	1 50	per dozen.
1 dozen brass wire sieves, No. 20	18 00	per dozen.
½ dozen brass wire sieves, No. 18	18 00	per dozen.
1 dozen brass wire sieves, No. 10	8 00	per dozen.
1 dozen brass wire sieves, No. 8	18 00	per dozen.
1 dozen brass wire sieves, No. 4	18 00	per dozen.
2 dozen iron wire sieves, No. 10	6 00	per dozen.
3 dozen iron wire sieves, No. 8	6 00	per dozen.
3 dozen iron wire sieves, No. 4	6 00	per dozen.
3 dozen iron wire sieves, No. 2	6 00	per dozen.
4 dozen steel-blade moulders' shovels	12 00	per dozen.
10 dozen steel-blade shovels, Nos. 2 and 3, Ames's best	11 00	per dozen.
4 dozen steel-blade scoop shovels, Ames's best	12 00	per dozen.
1 dozen long-handled shovels, Ames's best	9 00	per dozen.
½ dozen spades, Ames's best	9 00	per dozen.
½ dozen tinnern's snips	20 00	per dozen.
½ dozen hacksaws, with frames complete	15 00	per dozen.
½ dozen millsaws, each 7 feet long, ("Diston," Philadelphia, best)	75 00	per dozen.
½ dozen circular saws, 24 to 30 inches in diameter	100 00	per dozen.
½ dozen handsaws, best quality, as ordered	18 00	per dozen.
½ dozen tenon saws, best quality, as ordered	12 00	per dozen.

3 dozen steel squares (2 feet)	\$9 00	per dozen.
2 dozen hand vices, assorted sizes	6 00	per dozen.
2 dozen wrought-iron vices, steel faces 6 inches, to weigh from 85 to 90 pounds	150 00	per dozen.
1 dozen cast-iron box vices, steel faces 4½ inches, to weigh from 75 to 80 pounds	75 00	per dozen.
5 dozen monkey wrenches, assorted sizes, as ordered	9 00	per dozen.
150 pounds finishing brads or nails, from $\frac{3}{8}$ to 2 inches, best quality	10	per pound.
150 pounds No. 9 copper belt rivets, assorted	70	per pound.
20 pounds No. 9 copper burrs for rivets, assorted ..	70	per pound.
150 pounds No. 7 copper hose rivets, assorted	40	per pound.
30 pounds No. 7 copper burrs for rivets	40	per pound.
100 pounds tacks, assorted, as ordered, from $\frac{3}{8}$ to 1 inch (iron)	10	per pound.
300 pounds sheet zinc	12	per pound.
100 pounds horseshoe nails	25	per pound.
50 pounds oxshoe nails	50	per pound.
600 pounds hot-punched nuts, 6 square, from $\frac{1}{2}$ to 2 inches	10	per pound.
25 boxes best leaded tin, IX, 14 by 20 inches	10 00	per box.
4 boxes best charcoal brand tin, IC, 10 by 14 inches	12 00	per box.
4 boxes best charcoal brand tin, IX, 10 by 14 inches	14 00	per box.
2 boxes best charcoal brand tin, IC, 14 by 20 inches	15 00	per box.
2 boxes best charcoal brand tin, XXD, 12½ by 17 inches	16 00	per box.
150 feet 1-inch lead pipe, weight about 650 pounds ..	10	per pound.
100 feet $\frac{3}{4}$ -inch lead pipe, weight about 350 pounds ..	10	per pound.
2 tinnern's shears, No. O	4 00	each.
2 tinnern's shears, No. 3	3 00	each.
2 Fairbank's counter scales	6 00	each.
1 Fairbank's No. 2 platform scales, capacity 3,000 pounds	20 00	each.
1 Fairbank's No. 7 platform scales, with wheels, capacity 2,000 pounds	40 00	each.
1 saw gummer	10 00	each.
1 upset	50	each.
1 upset hammer	1 00	each.
1 sawset	1 00	each.
3 sand screens	5 00	each.
6 tack hammers, assorted	10	each.

To be delivered as required.

PHILP & SOLOMONS. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 18, stationery. Miscellaneous.

42 reams foolscap paper, faint lined 4 sides, as ordered	\$2 75	per ream.
36 reams letter paper, faint lined, 3 sides, as ordered	2 50	per ream.
20 reams note paper, faint lined, 3 sides, as ordered	1 50	per ream.

10 reams yellow envelope paper	\$4 00	per ream.
2 reams white envelope paper	4 00	per ream.
$\frac{1}{2}$ ream blotting paper	3 00	per ream.
3 reams patent blotting paper	15 00	per ream.
4 reams blank requisition books, per samples .	10 00	per ream.
2 reams blank half-monthly returns, per sample	20 00	per ream.
2 reams blank bills, per sample	6 00	per ream.
1 ream blank bills of lading and invoices, per sample	6 00	per ream.
3 reams blank inspector's reports, per sample	6 00	per ream.
4 six-quire blank time books, per sample	5 00	each.
4 eight-quire blank time books, per sample ..	7 00	each.
12 six-quire blank books, printed and ruled, per sample	3 00	each.
16 four-quire blank letter books, bound, &c., per sample	1 00	each.
12 two and three-quire blank books, cap size, say 30 quires	25	per quire.
6 dozen blank memorandum books, assorted sizes	1 50	per dozen.
2 dozen blank file letter books, per sample . . .	10 00	per dozen.
7 dozen small bottles "Guyot's" best carmine ink	1 50	per dozen.
80 dozen "Faber's" best black lead pencils, assorted numbers	42	per dozen.
18 dozen "Faber's" best architectural drawing pencils	75	per dozen.
4 dozen "Faber's" best red and blue drawing pencils	1 50	per dozen.
2 dozen ivory or gutta percha ever-pointed pencils, assorted	5 00	per dozen.
10 dozen large size pieces India-rubber	60	per dozen.
25 dozen pieces red tape, assorted widths	20	per dozen.
1 dozen pieces taste	50	per dozen.
2 dozen paper drawing tacks	50	per dozen.
20 dozen penholders, assorted	30	per dozen.
6 dozen bottles mucilage	2 00	per dozen.
1 dozen sticks India ink	1 00	per dozen.
1 dozen inkstands, (barometer,) best	15 00	per dozen.
4 dozen penknives, (Rodgers's,) best	15 00	per dozen.
$1\frac{1}{2}$ dozen erasers, (Rodger's,) best	3 00	per dozen.
1 dozen gold pens, with holders, best	10 00	per dozen.
4 dozen pint bottles "Maynard & Noyes" or "Bryan & Wilcox's" best black ink, as ordered	2 00	per dozen.
8 dozen pint bottles best quality copying ink, as ordered	4 00	per dozen.
1 dozen pint bottles best quality "Arnold's" blue fluid	6 00	per dozen.
$\frac{1}{2}$ dozen pint bottles best quality English red ink	6 00	per dozen.
1 dozen gutta percha rulers, assorted sizes, best	6 00	per dozen.
$\frac{1}{2}$ dozen Arthur's patent elastic portfolios	8 00	per dozen.
48 yards best double-clarified tracing cloth	50	per yard.
26 yards best English vellum light-blue tracing cloth	50	per yard.
50 yards best French white enless drawing paper	25	per yard.
60 yards best drawing paper	25	per yard.

50 yards best detail architectural brown drawing paper.....	\$0 15	per yard.
24 gross steel pens, best quality, as ordered....	60	per gross.
2 gross best quality mapping pens	5 00	per gross.
6 gross soapstone slate pencils	30	per gross.
1 quire best smooth imperial drawing paper ..	2 50	per quire.
1 quire best smooth elephant drawing paper ..	2 50	per quire.
1 quire best smooth atlas drawing paper.....	2 50	per quire.
1 quire best smooth theorem drawing paper...	3 00	per quire.
10,000 official envelopes, large size, best quality....	4 00	per M.
8,000 official envelopes, medium size, best quality	2 50	per M.
12,000 letter envelopes, assorted size, best quality..	2 50	per M.
3,000 note envelopes assorted size, best quality....	1 00	per M.
600 No. 80 quills, best quality	1 40	per 100.
4 log-slates, best quality	1 00	each.
1 set 6 pieces curves, for drawing, as required..	1 50	per set.
1 set engine divided paper scales	1 50	per set.
2 sets best quality drawing instruments, (full)	15 00	per set.
3 ivory paper cutters	25	each.
3 triangular boxwood scales, as ordered	1 25	each.
2 boxes water colors, paints and brushes, complete	6 00	per box.
1 Webster's Unabridged Dictionary	6 00	each.

To be delivered as required.

DANIEL S. GRICE. DATE OF CONTRACT OCTOBER 15, 1862.

Class No. 19, firewood. Miscellaneous.

1,980 cords best quality split pine wood.....	\$5 20	per cord.
20 cords best quality hickory wood.....	7 90	per cord.

To be delivered as required.

P. W. DORSEY. NOT EXECUTED.

Class No. 20, hay and straw. Miscellaneous.

21 tons (of 2,000 pounds) best timothy hay.	\$25 00	per ton.
6 tons (of 2,000 pounds) best rye straw	21 00	per ton.

To be delivered as required.

NICHOLAS ACKER. DATE OF CONTRACT OCTOBER 7, 1862.

Class No. 21, provender. Miscellaneous.

960 bushels of corn, best quality	\$0 85	per bushel.
1,200 bushels of oats, best quality	80	per bushel.

To be delivered as required.

A. V. GRAY. DATE OF CONTRACT OCTOBER 8, 1862.

Class No. 22, charcoal. Miscellaneous.

18,650 bushels charcoal, best maple or pine.....	\$0 11 $\frac{3}{4}$	per bushel.
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To be delivered as required.

JOSEPH L. SAVAGE. DATE OF CONTRACT OCTOBER 6, 1862.

Class No. 23, belting, packing, and hose. Miscellaneous.

150 feet leather belting, 9 inches wide, best quality.	\$0 60	per foot.
400 feet leather belting, 8 inches wide, best quality.	50	per foot.
432 feet leather belting, 3 inches wide, best quality.	18	per foot.
500 feet leather belting, 2½ inches wide, best quality.	15	per foot.
500 feet leather belting, 2 inches wide, best quality.	10	per foot.
200 pounds ¼-inch vulcanized rubber for joints....	50	per pound.
200 pounds ⅜-inch vulcanized rubber for joints....	30	per pound.
200 pounds ½-inch vulcanized rubber for joints....	60	per pound.
100 pounds ⅝-inch vulcanized rubber for joints....	20	per pound.
50 pounds ¾-inch vulcanized rubber for joints....	70	per pound.

To be delivered as required.

Class No. 24, sperm and lubricating oils. Miscellaneous.

900 gallons pure sperm oil, winter strained.....	\$1 60	per gallon.
1, 550 gallons pure lard oil, winter strained.....	90	per gallon.
570 gallons pure metallic oil.....	10	per gallon.
60 gallons pure neatsfoot oil.....	01	per gallon.
10 gallons pure sweet oil.....	01	per gallon.

To be delivered as required.

WILLIAM HUNTER, Jr. DATE OF CONTRACT OCTOBER 18, 1862.

Class No. 27, anthracite coal.

600 tons (2,240 pounds) large lump Lehigh coal, for cupola use	\$7 50	per ton.
380 tons (2,240 pounds) white-ash egg coal, for fur- naces	7 50	per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the first day of December, 1862. The contractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy yard scales.

GEORGE H. PLANT. DATE OF CONTRACT OCTOBER 11, 1862.

Class No. 29, bituminous Cumberland coal.

6, 640 tons (2,240 pounds) average run of the pit of Cumberland coal	\$6 38	per ton.
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The above coal is to be of the best quality; to be delivered on or before the first day of December, 1862. The contractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy yard scales.

H. D. STOVER. DATE OF CONTRACT OCTOBER 9, 1862.

Class No. 32, machinery and tools.

1 18-inch shaping machine, with chucks, complete..	\$1, 000 00	each.
2 12-inch shaping machines, with chucks, complete	800 00	each.

1 horizontal drilling and boring machine, with boring bars and drills, complete, (Bennet & Dougherty's, pattern No. 2).....	\$300 00	each.
6 lathes, 12-feet beds.....	200 00	each.
4 lathes, 7-feet beds.....	150 00	each.
1 lathe, 24-feet beds, each to have screw-cutting gearing, universal chucks, and all late improvements, complete, and of the best quality.....	900 00	each.
1 corn and cob crusher, capable of grinding feed for oxen, (from 4 to 6 bushels per hour).....	200 00	each.
1 rack and screw planer, to plane 4 feet long and 20 inches wide, with all the late improvements, to be fitted with chucks, complete.....	500 00	each.
1 back-gear'd drill press, to be travers of table about 21 inches; travers of spindle about 12 inches; distance between table and spindle about 28½ inches, distance between floor and spindle about 44 inches, diameter of table about 24 inches; table to be raised by a screw and circular nut, to be well adapted to every variety of accurate drilling, boring, &c.; and to be built in a substantial manner.....	500 00	each.
2 solid emery vulcanite wheels, 18 inches in diameter and 2 inches thick, with pulleys, &c.....	20 00	each.
1 solid emery vulcanite wheel, 14 inches in diameter and 1½ inch thick, with pulleys, mandrils, &c.....	12 00	each.
2 solid emery vulcanite wheels, 12 inches in diameter and 1 inch thick, with pulleys, mandrils, &c.....	10 00	each.
1 solid emery vulcanized wheel, 18 inches in diameter and 1 inch thick, with pulleys, mandrils, &c.....	13 00	each.

To be delivered as required.

No. 3.

BUREAU OF EQUIPMENT AND RECRUITING.

NAVY DEPARTMENT,

Bureau of Equipment and Recruiting, November 1, 1862.

SIR: I have the honor to transmit herewith the estimates of this bureau which will be necessary to meet the expenditures for the fiscal year ending June 30, 1864.

These estimates contemplate nothing beyond the vessels now in commission and those in a state of preparation for service.

Very respectfully, your obedient servant,

A. H. FOOTE, *Chief of Bureau.*

Hon. GIDEON WELLES,

Secretary of the Navy.

Estimate of the amount required for the support of the Bureau of Equipment and Recruiting for the fiscal year ending June 30, 1864.

For salary of the chief of the bureau, per act of July 16, 1862, Statutes at Large, 2d sess., chap. 183, sec. 15, page 586.....	\$4,000 00
For salary of chief clerk, per act of July 5, 1862, Statutes at Large, 2d sess., chap. 134, sec. 3, page 511.....	1,800 00
For salaries of two clerks, at \$1,400 each, per act July 5, 1862, Statutes at Large, 2d sess., chap. 134, sec. 3, page 511.....	2,800 00
For salary of one clerk, per act of July 5, 1862, Statutes at Large, 2d sess., chap. 134, sec. 3, page 511.....	1,200 00
For salary of messenger, per act of July 5, 1862, Statutes at Large, 2d sess., chap. 134, sec., 3, page 511.....	840 00
	\$10,640 00
Submitted.—One laborer	600 00
Contingent:	
For stationery, books, &c.....	\$600 00
For furniture.....	1,000 00
	1,600 00
	12,840 00

E. & R. No. 1.

Estimate of the pay of the officers attached to the recruiting stations for the fiscal year ending June 30, 1864.

For the pay of officers for ten recruiting stations, with a commander, lieutenant, and surgeon attached to each station	\$81,866 70
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E. & R. No. 2.

Estimate for pay of commission, warrant, and petty officers and seamen, including the engineer corps of the navy, required for vessels proposed to be kept in commission, including receiving vessels, for the fiscal year ending June 30, 1864.

Appropriation for the year ending June 30, 1863..... \$10,950,000 00

Estimate for the year ending June 30, 1864:

30,000 men, at \$235 per annum..... \$7,050,000 00

4,500 officers, averaging \$1,500..... 6,750,000 00

13,800,000 00

E. & R. No. 3.

Estimate for the purchase of hemp and other materials.

Appropriations for the year ending June 30, 1863..... \$540,000 00

Estimate for the year ending June 30, 1864:

For the purchase of 800 tons hemp, hides, pitch, tar, and other materials, including labor..... \$320,000 00

E. & R. No. 4.

Estimate of coal for steamers, with the expense of transportation, storage, &c.

Appropriation for the year ending June 30, 1863..... \$2,160,000 00

Estimate for the year ending June 30, 1864:

For the purchase of coal, and the transportation and expenses thereon for 300 steam vessels..... \$2,690,000 00

E. & R. No. 5.

Estimate of the amount required for the purchase of articles for the equipment of vessels in the navy for the fiscal year ending June 30, 1864.

For the purchase of various articles of equipment, canvas, leather, cables and anchors, furniture and stoves, in the master's, boatswain's, and sailmaker's departments..... \$2,000,000 00

E. & R. No. 6.

Estimate of the amount required for recruiting and transportation and incidental expenses for the fiscal year ending June 30, 1864.

For expenses that may accrue for the following purposes, viz :

Expenses of recruiting; travelling expenses of officers; transportation of men; printing and stationery; advertising in newspapers; postage on public letters; wharfage and demurrage; funeral expenses; apprehending deserters; pilotage and towage of vessels, and assistance to vessels in distress; per diem pay to persons attending courts-martial, courts of inquiry, and other services authorized by law; pay to judge advocates; and for bills of health and quarantine expenses of vessels of the navy \$1, 000, 000 00

RECAPITULATION OF ESTIMATES.

Salaries	\$10, 640 00
Laborer—submitted	600 00
Contingent	1, 600 00
	12, 840 00

NAVAL SERVICE.

Officers of recruiting stations	\$81, 866 70
Pay of the navy	13, 800, 000 00
Hemp and other materials	320, 000 00
Coal for steamers' use	2, 690, 000 00
Equipment of vessels	2, 000, 000 00
Recruiting, transportation, &c.	1, 000, 000 00
	19, 891, 866 70

BUREAU OF EQUIPMENT AND RECRUITING, *November 1, 1862.*

A. H. FOOTE, *Chief of Bureau.*

Estimates of appropriations under the control of the Bureau of Equipment and Recruiting for the service of the fiscal year ending June 30, 1864.

Heads of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimates of the balances of appropriations unexpended on June 30, 1863, which may be applied to the next fiscal year.	Appropriations for the fiscal year ending June 30, 1863.
Civil and contingent expenses of the bureau.....	\$12, 840 00	.....	.....
Recruiting stations.....	81, 866 70	.....	\$27, 748 00
Pay of the navy.....	13, 800, 000 00	.....	10, 950, 000 00
Hemp and other materials.....	320, 000 00	\$600, 000 00	540, 000 00
Coal for steamers' use.....	2, 690, 000 00	550, 000 00	2, 160, 000 00
Equipment of vessels.....	2, 000, 000 00	.....	.....
Recruiting and transportation, &c.....	1, 000, 000 00	.....	.....
	19, 904, 706 70	1, 150, 000 00	13, 677, 748 00

A. H. FOOTE, Chief of Bureau.

BUREAU OF EQUIPMENT AND RECRUITING, November 1, 1862.

No. 4.

BUREAU OF NAVIGATION.

Estimates for fiscal year ending June 30, 1864.

The estimate for the salaries of the chief of the bureau and clerks, and for contingent expenses, have been included in the general estimates of the Navy Department.

No. 1.—*Estimate of the amount required for the support of the Naval Observatory for the fiscal year ending June 30, 1864.*

Purchase of nautical instruments, repairs of the same, and of astronomical instruments, and for the purchase of nautical books, maps and charts, and for backing and binding the same.....	\$23, 000
Wages of instrument maker, watchmen, porter and laborers; for keeping grounds in order, and repairs to buildings and inclosures, fuel, lights, freights, transportation and postage, stationery and incidental expenses.....	12, 000
	<u>35, 000</u>

No. 2.—*Number and pay of officers actually employed at the Naval Observatory.*

1 captain, as superintendent.....	\$3, 000
1 lieutenant.....	1, 500
1 assistant astronomer, (civil).....	2, 500
4 professors of mathematics.....	7, 200
4 aids.....	4, 000
1 clerk, (civil).....	1, 500
	<u>19, 700</u>

No. 3.—*Estimate for amount of the Nautical Almanac office for the fiscal year ending June 30, 1864.*

Salaries of computers.....	\$16, 250
Paper, printing, &c., in order to publish, in the year 1864, the Nautical Almanac for the year 1867, and for occasional printing, stationery, books, binding, &c.....	3, 600
New planets discovered since 1849.....	3, 000
Printing tables.....	1, 000
Extra editions of the volumes already published.....	800
Clerk.....	500
Contingents, including rent of office, servant hire, fuel, &c.....	700
	<u>25, 850</u>

No. 4.—*Estimates of the amounts required for sundry objects coming under the direction of the Bureau of Navigation, &c., &c.*

Estimate for the year ending June 30, 1864:

Anchors, buoys and chains for compass stations at Portsmouth, N. H.; Boston, Mass.; New York; Philadelphia; and Hampton Roads, Va.....	\$35, 000
Steam-tugs and lighters to lay down the same	10, 500
Experiments for the correction of local attraction in vessels built partly or wholly of iron, to be made by commission	2, 500
Books for vessels-of-war and for the bureau	14, 000
Binnacles	15, 000
Bunting—flags, signals, logs, (patent and other,) sand-glasses, leads, (patent and other,) and labor.....	65, 000
Tables of navigation	3, 000
Determination of meridian distances.....	3, 000
Experiments with night signals.....	1, 000
	149, 000

RECAPITULATION OF ESTIMATES.

Salaries and contingent included in general estimates of the Navy Department.

Naval Observatory.....	\$35, 000
Salaries Naval Observatory.....	19, 700
Nautical Almanac.....	25, 850
Compass stations, and magnetic deviations, books, binnacles, flags, longitudes, tables of navigation, &c.	149, 000
Contingent expenses	1, 000
	230, 550

C. H. DAVIS, *Chief of the Bureau.*

No. 5.

REPORT OF THE BUREAU OF ORDNANCE.

BUREAU OF ORDNANCE, NAVY DEPARTMENT,

November 22, 1862.

SIR: The following is respectfully submitted in explanation of the present condition and probable necessities of the Ordnance of the Navy:

The existing crisis found this branch of the public defence entirely unprepared for so great an emergency. The quantities of cannon and of powder which were on hand might have been sufficient for the navy as it then was; but the large number of vessels that were added to it so rapidly rendered it very embarrassing to provide for them the requisite supplies.

It was, therefore, necessary to return to service most of the older artillery which had been superseded by newer and more powerful calibres, and to exert all possible means to procure powder for immediate consumption.

Had our Navy been on a footing commensurate with the obvious wants of the country for ordinary purposes, these difficulties and anxieties would not have been experienced.

I feel it, therefore, to be my first duty to urge that suitable provision of ordnance material be made for probable future necessities of the Navy.

Most important among them is nitre, which enters so largely into the composition of gunpowder that it may be said to be gunpowder itself, with some slight additions of sulphur and charcoal under proper combination.

It is not produced naturally in this country, nor by any other but India, except in insignificant quantities.

Hindustan alone supplies the whole world, which being a British dependency, places us entirely at the mercy or caprice of that power for our stock of this essential article.

We have already received an impressive warning of the promptness with which this supply may be cut off. For when the Trent affair occurred, the United States possessed several thousand tons of nitre just about to be shipped from England. This was detained under a general order of the government prohibiting the exportation of nitre, and remained useless to us for some months, until the British authorities chose to allow it to egress.

No argument, therefore, is needed to sustain the policy of providing against the recurrence of such a difficulty.

Wherefore, among the earliest measures which I adopted in entering the Bureau was to resort to all possible means to secure a stock of nitre, domestic and foreign, which has so far succeeded as to place our Navy beyond the danger of immediate necessities; and it is gratifying to add that there is a reasonable prospect of obtaining a large amount from our own resources.

I recommend, however, that suitable appropriations be now made so as to give this policy an authorized and more extended form, by the purchase of large quantities of nitre and the erection of proper depositories for its safe-keeping.

These items are asked for in the estimates.

The course of events has indicated the necessity of suitable interior depots for naval cannon and stores.

In the West, one or more of these should be located upon a principal water-course, to which the United States gunboats on the Mississippi and Ohio rivers can have ready access, and receive promptly their supplies of cannon, shot, shells, and other munitions of war, which are now furnished tardily and with great difficulty from distant points.

An interior depot is also required to receive and secure the powder which is to supply the small magazines on the rivers, and to store the nitre, sulphur, and other materials that are best kept, for a long time, in their original condition.

In the East, there should be an interior depot for the same purpose. Because it is exceedingly unsafe to hold, as we now do, the entire stock of powder and other stores at our Navy yards, where they may be exposed to attack seaward, or be very troublesome to dispose of if hostile operations occur even in their vicinity.

These interior depots should have ready communication, by railroad or canal, with the exterior receptacles for immediate consumption.

The appropriations suggested in the estimate for this purpose are small, and rather intended to ascertain the wishes of Congress and give immediate shape to the measure than to fix its limit.

Of the estimates presented I can only say that they are no greater than the present wants of the country demand. Nominally they are very little greater than those of the preceding year. In reality they are just as much less as the difference that may exist between the government paper and the metallic standard.

It would be, perhaps, safer to increase than diminish them.

As for the distribution among the several objects, it is very general, and unavoidably so; because it would be as impossible to define precisely what will be wanted as it is to say to what objects the funds will be applied for an entire year, beginning eight months hence.

It gives me pleasure to bear testimony to the promptness with which the private foundries have met the demands on them from the Bureau.

There is, in my opinion, no class of persons engaged in the service of the government who better earn what is paid to them.

The business is only remunerative when successful, the risk is considerable, and the closest inspection is maintained on the whole of the work.

Besides the firms who have been for a long time engaged in the business, several others have offered and received orders, so that there are now seven private establishments engaged in making cannon for the navy, viz: Knap & Rudd, Pittsburg, Pennsylvania; Alger & Co., Boston, Massachusetts; R. P. Parrott, Cold Spring, New York; J. Sparrow, Portland, Maine; Hinckley & Williams, Boston, Massachusetts; Z. Chafee, Providence, Rhode Island; Seyfert & McManus, Reading, Pennsylvania.

It is a natural consequence that the business of expending an appropriation fifteen to twenty times as great as formerly should call for a corresponding increase of officials to see that this work is faithfully executed.

The single clerk allowed by the recent law is entirely insufficient; wherefore I have asked for the number that is now needed.

An additional compensation is also asked for the clerks employed in the office of the ordnance yard; \$1,000 a year for capable men who work from bell-ringing to sunset is a very inadequate remuneration.

The officers attached to the ordnance yard should reside in it; which has not been usual hitherto, nor indeed possible, for want of quarters. The work goes on by night as well as by day—heavy requisitions have to be met at all hours, and there is a large amount of public property to be cared for, particularly accumulations of powder. So that the presence of the officers is indispensable; and there being no suitable quarters for them, I have inserted a very small amount for that purpose, which I hope may be allowed entirely on public considerations.

IRON-CLADS AND ORDNANCE.

The constant and very natural solicitude manifested by the public in the changes which have been and continue to be made in the construction and armament of our ships-of-war may warrant a more extended notice of technical detail than might otherwise find place in a document of this nature.

And yet no definite conclusion has been reached in regard to either of these important problems.

Indeed, the most casual observer of current events can hardly fail to perceive that neither of them has advanced beyond the first proposition.

And both are so unavoidably interwoven that it is impossible to treat or consider either independently of the other, or to form any reliable opinion as to their future course or final shape. They represent, in fact, but another phase of the competitive progress of attack and defence; impelled now, however, by existing circumstances with a rapidity beyond all precedent in naval affairs.

The old, well-known practice of firing solid shot from 32-pounders, and, occasionally, 42-pounders, at huge wooden structures, made its last appearance at the battle of Navarino, a third of a century since. This was the system in vogue during the time of Nelson, and our own Captains of 1812.

Then the defence had the advantage of the attack, for the broadsides of these vessels, when continued for hours, were seldom able to do more than destroy masts, men, and guns. The instances are very rare of a line-of-battle ship being sunk, or fatally injured in battle by the sole action of shot.

The introduction of shells changed entirely the relation of naval attack and defence.

Their use had been desultory and exceptional before the time of Paixhans; but he systematized and applied their power. So slowly, however, did the new weapon gain ground that he just lived long enough to learn of its first signal exhibition in actual conflict at Sinope, some thirty years subsequent to the complete public enunciation of his views.

It almost seemed as if naval men were reluctant to admit the consequences that were obviously to proceed from the use of shells.

The ordnance specially designed for them were only allowed in small numbers aboard of ships, and merely as auxiliaries to the guns for shot.

Our own screw frigates of the Merrimack class were the first (1854) which carried entire batteries of shell guns; and these not of the lighter description known as "Paixhans," but capable of greater range and accuracy, as well as of discharging solid shot if the emergency should arise.

The advantage of which is now apparent from the fact that our IX-inch and XI-inch guns are found to be, in a measure, available against iron plating, because they will endure solid shot fired with one-half greater, and even double, the original charges.

So that we have the leisure to consider and devise any other species of ordnance that may be better adapted to the purpose, and are not precipitated into hasty or questionable measures.

The English, French, and Russian ships having been only provided partially with shell guns, there was no illustration of the full effect of shells in any of the operations during the Crimean war, though there was quite enough at Sinope to indicate unmistakably what might be expected from the general use, against ships, of explosive projectiles of large calibre.

And this led promptly to the first practical development of the measures that the defence would be likely to adopt, in order to keep out such a destructive means of offence, and which have since so largely exercised the ingenuity and the finances of Great Britain.

At Kinburn (October, 1855) the French brought into action three vessels

that had no pretension to be termed more than floating batteries, for their power of locomotion was very inconsiderable, but they were cased with iron and had powerful guns. The Russian shot did not penetrate the plating, but a few of them entered the ports and did some mischief.

The English had prepared some vessels of a like description, but they did not arrive in season, and were therefore unable to participate in the attack on the Kinburn forts.

Peace was soon after declared between the belligerents, and very little attention seems to have been given, for two or three years, to the subject of iron-clad ships, until the French produced the first sea-going frigate of that kind—the *Gloire*—which was followed by a sensation and action in England highly appreciative of the possible consequences of being slow in acting on the hint.

Of course there was a variety of opinion expressed by public writers as to the capacity of this formidable craft, most of whom inclined to a depreciation of her invulnerability and sea-going qualities.

The British government very wisely, however, decided not to lose time in constructing similar vessels, and has since followed the decision with a remarkable celerity, quite regardless of expenditure.

On the 25th of February, 1859, the First Lord of the Admiralty (Pakington) announced to Parliament the policy of the government in this respect; and the construction was begun of an iron-clad frigate that was to surpass the "*Gloire*."

This ship has been completed, and is well known as the "*Warrior*;" others soon followed in France and England, and armored ships are, by common consent, for the time at least, to constitute the main force of all Navies.

Of course there is every variety of opinion expressed as to the proper material and construction of such vessels; and the British government, not feeling at liberty to wait until results have decided, are compelled to make use of whatever may seem most plausible for the while; and thus we are astonished by the most gigantic and costly experiments that the world has ever seen.

For it so happens that circumstances impose on England and France the necessity of grappling with the most difficult solution of the problem, their shores being washed by the deep waters of the ocean; therefore their iron-clads must be more than mere floating batteries, and be possessed of the best nautical qualities.

With the United States the case is, happily, different—the depth of water on the coast being generally adapted to vessels of light or moderate draught, and only a few of our ports are at all accessible to heavy iron-clads like those of France or England.

The solution of the question is, therefore, in its immediate requirements, comparatively easy and inexpensive for us.

Vessels of the "*Monitor*" and "*Ironsides*" class are likely to serve present purposes sufficiently well, and to give time to obtain from our own and the experience of others better data than can now be had for advancing to a more perfect order of vessels.

Notwithstanding the earnest and long-continued course of investigation which has been carried on by the governments interested, so little is yet positively known of the effect of Ordnance and the resistance of iron plates in different forms, that the ablest and most experienced cannot agree in regard to the armor best calculated to oppose the most effectual resistance, or upon the cannon that shall be employed to overcome that resistance.

In both cases there are conditions which impose limits to the weight of gun and of the plating.

At the very outset the latter presents itself, and the ship-builder finds himself compelled to changes of the most radical nature, in order that the ship may carry the ponderous armor intended for it, and which in some cases amounts to 1,000 tons.

Some of the dimensions have to be reduced so that a vessel with one-half greater capacity than a two or three-decker is so far shorn in height as to leave but one gun-deck, thus becoming a frigate by the general definition. Of course the ordnance is reduced proportionally in number and weight.

But there is a check even to this reduction of dimensions, and the thickness of iron must not exceed a certain extent. At this date common practice does not go beyond $4\frac{1}{2}$ to 5 inches.

When this difficulty has been disposed of, the *mode* of armoring next demands attention. Shall it be a solid plate, or made of many plates of less thickness? But, most troublesome of all, how fasten it securely to the side? For this is proved to be the weakest point of the defence, and no remedy has yet been devised to prevent the fracture of bolts and nuts, even though the integrity of the plate is not materially injured.

If, to avoid this, recourse be had to a structure entirely of iron, it appears, from present data, that the resistance is too much reduced thereby. It is preferred, therefore, to adhere to armor backed by the wooden fabric.

In the wake of these almost insolvable questions follow others which, though not essential at first, become so eventually by time and service, such as the probability that the incidents of sea service will weaken the connexions of the armor with its own parts and with the ship, and that the difficulty of caulking will allow of more leakage than is convenient.

The ordnance expert can by no means rejoice in being free from difficulties that puzzle his ingenuity.

The number of cannon being reduced to a third of the number he is accustomed to rely upon, how shall he supply the loss of force by the weight and kind of those which remain?

If he acquires power by greater weight, he loses by loss of time in manipulation of gun and projectile, hence some reduction by slowness of repetition. Then, again, shall he use rifled or smooth-bore, breech or muzzle loaders? Shall he pierce or crush and break bolts and strip off the armor, or shall he even attempt to enter the interior with shells?

How economize the open space of the ports when the gun is out, or close it when in?

The steam engineer has also his demands, for great speed is indispensable, and he thus adds another trouble to those of the already bewildered shipwright.

Leaving these queries to be answered by the parties most concerned, it will suffice here to say that, just now, the offence has decidedly the advantage, and no sea-going ship is considered to be so armored as to be impregnable to artillery.

Of the French results and inferences touching the several points we know nothing beyond what is necessarily disclosed to the observer in the construction of ships.

The British government have practiced less reticence; and if we are not permitted to become acquainted with the reasoning of their officials, the results from which they do reason are so far public that one cannot err very widely as to their general bearing.

A large number of witnesses have usually been present at the trials, including officers, engineers, ship-builders, and others, civil and official. The press is also well represented, and in a few days afterwards all the proceedings are detailed minutely to the public, discussed in Parliament, and in meetings where the ablest professional men are assembled for the purpose.

So far as an opinion can be formed from such sources, one is led to conclude that those who, from their distinguished abilities and opportunities of investigation, should be best qualified to judge, have arrived at no final decision in regard to any of the essential points of the problem above stated, which is, indeed, reasonable, when it is noticed to what extent these differ, and even conflict.

About a year since (October 21, 1861) a number of eminent dignitaries, mili-

tary, naval, and civil, met, in order to witness the trial of a target representing the "Warrior's" sides. It was supposed that all the power which ordnance could exert for such a purpose was brought into play; and after this had been done it seemed as if the witnesses were generally favorably impressed with the endurance of the target, and therefore of the "Warrior."

But not long after (April 8, 1862) Sir William Armstrong placed in front of this, or a similar target, a gun which he had just completed; it threw a round shot of 156 pounds, which, with 50 pounds of powder, most unexpectedly changed the whole aspect of the question by its treatment of the target, which was said to have been completely pierced.

The revulsion in common opinion went so far as to discredit the "Warrior" entirely, and the fallibility of that vessel was pronounced certain.

But during a discussion in Parliament a member maintained that the facts had not been accurately stated even by official authority, and the deductions were consequently more unfavorable to the target than was correct. He even affirmed that the target had not been fatally injured, but would in fact have kept out the shot from entering a vessel.

Whether for this reason or not, the trial was repeated, and very fully disposed of all doubts in favor of the target; but it settled the gun also, which burst at the fourth round.

Thus demonstrating that if the target were penetrable by the fire of such a piece of ordnance, it was only by an effort that destroyed the gun also—a risk not to be thought of on shipboard.

And hence it was inferred that the "Warrior" was impregnable to the effort of any ordnance that could be then used safely against her.

The triumph of the defence was, however, of short duration; for the rupture of the Armstrong gun left the way open to other competitors, and a long-neglected piece that had lain remote from view for several years was suggested as deserving of an opportunity to try its powers.

This was the Horsfall 13-inch, of wrought iron. Its first blow, with a shot of 280 pounds, was decisive. The plate was pierced and badly injured, while the endurance of the gun was untouched.

As if to complete the entire failure of the defence and to puzzle its advocates, Mr. Whitworth undertook to drive a shell through a stout iron-plated target, which he accomplished.

So that the system of armor that had been relied on was proven to be vulnerable by shells, as well as by shot, which was an unhopèd-for advantage on the side of the attack.

Here it will probably rest for the while, until the defence shall be able to devise some plan of greater efficacy.

It would be unwise, however, to rush to the conclusion that armor is needless, because the most powerful ordnance should, under skilful guidance, be able to pierce it.

For, even against such cannon, a ship may delay the final disaster long enough to make its own guns of avail; and when opposed to any but these heaviest pieces, will still be in effect impregnable.

The case of the "Monitor" and "Merrimack" affords an illustration.

No one supposes that either of these vessels could have escaped serious injury if subjected to a course of target firing from the most recent and powerful descriptions of ordnance, yet they sustained for four hours the utmost effort of each other's batteries.

The "Monitor" was hardly more than scarred by the fire of the very guns which, on the preceding day, had in a fourth of the time acted most destructively on the hulls and crews of two fine wooden frigates.

A very high official authority (Duke of Somerset, First Lord of the Admiralty, House of Lords, April 3, 1862,) has, to be sure, imputed the default of injury to

life or limb in this combat to a lack of power in the artillery which the two vessels carried; which is no doubt true; but it is equally true that no guns of like weight and kind now used in the British Navy would have effected as much under like circumstances.

These cannon are not "idle against iron plates," as may be shown by their operations upon samples of Warrior targets on which they have been tried here. Nor are they "rifled shell ordnance." Nor is their initial velocity as low as 900 feet, as stated by the Duke.

The XI-inch guns of the "Monitor" were designed chiefly for shells, which were computed to leave with a velocity of at least 1,250 to 1,300 feet. In the action shot were used with an initial velocity of about 1,120 feet.

But since that time the same class of gun has been ascertained to be capable of throwing solid shot of 169 pounds, with a charge of 30 pounds, giving an initial velocity of 1,400 feet.

The IX-inch guns of the "Merrimack" were intended principally for a shell of 72 pounds and a charge of 10 pounds; and therefore gave an initial velocity of about 1,400 feet. But they can be safely used with a solid shot and $13\frac{1}{2}$ pounds of powder, which produces an initial velocity of 1,290 feet.

One of these guns was fired 750 times with its shell, and then 500 times with shot and the high charge, showing no symptom of giving way after such severe usage.

The Duke of Somerset more nearly approached the present state of the question when he doubted the capacity of plates finally to resist the action of Ordnance; but was in fault in overestimating the service to be expected of the Armstrong gun.

With regard to the results spoken of as obtained in England, which assign a superiority to the solid plates, it may or may not be that Captain Ericsson selected, or was compelled to use, one-inch plates in making up his total thickness, for at that time there was very little choice in the matter; but it is certain that the practice made here proves that several plates made into one are preferable on many accounts to one solid plate, and would be so altogether if it were not for the increased number of bolts that become requisite, and are the weakness of all such plating.

Indeed, even with this disadvantage, it remains to be seen whether, by any process, a very thick solid plate can be made equal in its texture to the thinner plates.

For in every instance where I have seen a solid plate pierced by a shot the imperfection at the welds has been made manifest by their separation, although externally none such could be perceived.

In this connexion it may also be observed that for want of information it is not possible for us to form a trustworthy opinion, from the incidents of the combat, of the relative powers, offensive and defensive, of the two vessels.

We know the armament of the Monitor, and also that she was not in any way crippled by the fire of the "Merrimack"; the most telling blow was on the pilot-house, but this did not affect the immediate efficiency of the vessel.

On the other hand, we do not know to what extent the Merrimack was injured by the fire of the Monitor, nor, with any certainty, what guns she carried.

Among those recovered with the Norfolk navy yard was a IX-inch, which, by the mutilation of sight masses, trunnions, &c., must have been one of those which our men attempted to destroy on evacuating the yard in April, 1861. Its muzzle being broken off induces the belief that it was also one of the guns of the Merrimack, which, in the official report of her proceedings on the 8th of March, is stated to have had the chase shot off.

The end of an elongated shell was also found in the plates of the Monitor, showing that such projectiles were fired by the Merrimack.

These facts seem to confirm a current rumor that this vessel had IX-inch guns

on the sides and rifled guns at each end, probably 32-pounders, as we find pieces of this description used very commonly by the Confederates, or else one of the Blakely pattern, a few of which are also known to have been furnished to them.

If this be true, then the metal was entirely too light to affect the Monitor, and will account, in a measure, for the little damage she sustained.

As so much interest was at the time attracted to the material of the shot used by the Monitor, and it was averred by high authority that if she had not been restricted to those of cast-iron, but had been allowed to fire the wrought-iron shot put on board for the purpose, the Merrimack would have been sunk, I am induced to say a few words in order to correct any erroneous impression that may still exist on the subject.

The cast-iron shot fired by the Monitor average about 169 pounds, and, being used with 15 pounds of powder, had an initial velocity of about 1,120 feet.

After the action I caused ten of the Monitor's wrought-iron shot to be weighed; they were found to be 186 to 187 pounds; therefore, (with a charge of 15 pounds,) their initial velocity would have been about 1,050 feet.

So that, by using the wrought-iron shot, the projectile velocity would have been reduced; and though in no great degree, yet to that extent, whatever it was, would have increased the very cause of insufficient power, if, as generally conceded, the effect of shock be proportional to the $V^2 \times W$.

Secondly, if the criticism were intended rather for the inferior tenacity of the cast-iron, which was therefore assumed to lessen the effect of the cast-iron shot when compared with those of wrought-iron, then it is only to be said that the theory is directly at variance with the facts as exhibited in the practice executed under my immediate direction, and witnessed by yourself and many others.

The cast-iron shot does break and the wrought-iron is only crushed; but while the latter lodges in the $4\frac{1}{2}$ -inch plate, the former (both being of 11 inches) passes completely through the plate and nearly through the wooden backing of 20 inches, making a larger hole and badly cracking the plate.

The proper mode of increasing the power of the Monitor's guns was to have increased the charge, which the gun was capable of enduring safely, to the extent of 30 pounds; but this was not known at the time, and all will admit that the occasion was not one when any risk was to be incurred unnecessarily.

The Monitor only fired 42 shots, and of these many, no doubt, failed to strike from the unavoidable difficulty of aiming with perfect precision.

Setting aside the disadvantage due to a first essay in a combat of this kind, the circumstances were entirely favorable to exhibiting the full powers of iron-clad ships like the Monitor and Merrimack—the distances being short and the object but little above or below the level.

When much elevation is required, particularly on account of the height of the object, the fire of any ship-of-war loses proportionally in effect, by reason of the difficulty in aiming, and the vessel is also more exposed to serious damage. In the close ports of an iron-clad the former must be seriously aggravated, of which we had an example in the attack upon the work on the James river, when the "Galena" and "Monitor" participated, and could never make their guns tell fully as they would have done had the batteries been lower.

The operations that have been conducted here with reference to the power of different cannon and projectiles, as well as the resistance of iron plating, have been so far satisfactory that the results derived have been consistent. Still they are liable to such qualification as may be properly due to practice upon targets only, and in some sense favor the defence, because many sources of weakness which are unavoidable in the extensive structure of a ship are undisclosed in the strong, new, and well-knit target, but will appear when vessels are subjected to fire and to the wear and tear of time and service, especially at sea.

So long as the ponderous armor is merely attached to the ship and is not made to contribute to the strength of the fabric, but severely taxes that strength,

so long will there be involved a serious element of deterioration which will after a while impair the general capacity for endurance, and in the end unfit the ship for battle.

In this respect, as in many others, the turret class are to be excepted from much of the preceding remarks, and are probably of greater and more certain endurance under severe fire than the ordinary plated vessel. So far they are likely to find the most fitting sphere for their peculiar powers in the less troubled waters of harbors and rivers; though the ability that has devised them may also be able to give a wider scope to their usefulness.

ARMAMENT OF IRON-CLADS.

So little having been determined with regard to the preferable mode of armor-ing ships, there will necessarily exist, as already observed, much difference of opinion and practice as to the Ordnance that will be most serviceable. This would be reduced to very narrow limits were it possible to decide intelligently upon the claims of smooth and rifled cannon. But the obviously unperfected condition of the latter interposes an obstacle to a fair consideration of its merits, which the ingenuity of very clever men has long been exerted upon without complete success.

1. The rifled shot, when moving correctly, is the more accurate to first graze, though not materially so at moderate distances—say 1,300 to 1,500 yards. Beyond a mile its advantage in this respect is very marked.

2. But, after encountering any object, its deflections are of the most erratic description, and it generally tumbles over so as to nullify its force and render its subsequent direction beyond conjecture. Wherefore the rifled shot has no capacity for ricochet, which is one of the most certain modes of operating with the round projectiles in naval warfare, and is of the utmost importance, because so many shot fall short and strike the water first.

3. The rifle shot has greater penetration than the round, but much less concussive power.

At the present time considerable improvements are required to give regularity and certainty to the distinctive qualities of the rifled shot; and there is no little trouble experienced also with the stripping of soft metal from them, and the imperfect operation of their fuses. These being defects rather of detail, will, no doubt, be ultimately got rid of. Meanwhile, the rifle gun is gradually making its way into the service and becoming better understood by soldiers and sailors.

A glance at the forms which this arm has assumed in different countries shows the great variety of solutions that the problem is capable of, and may possibly indicate some difficulty in uniting all the qualities desired in one piece. The greatest diversity will be noticed, for instance, between the device of Armstrong and of Whitworth, and the Canon Rayé of the French. They differ totally in the material and construction of the cannon, projectile, and fuse. And while no one service is entirely satisfied with its own arm, it seems to find nothing better in that of another.

If, in battering an iron-clad, penetration only shall be the paramount consideration, and other effects merely incidental, the rifle cannon must be selected. But if the concussion and shattering of the plate and its backing be preferred, with such penetration as might be consequent thereon, then the heavy, swift, round projectile will supply the blow best adapted to such work.

So long as the present mode of plating continues, there can be little doubt that it will be most effectively attacked by cracking and bending the iron, starting the bolts, stripping off the armor, and breaking away large portions of the wooden structure within.

And to this mode of action I feel more inclined, after witnessing its effects upon a number of targets plated with solid iron, or with thin plates bolted into one, the direction of the fire being perpendicular or oblique.

The iron-clad "Galena" suffered most in this way.

The fire was so well directed (distance 600 yards) that most of the shot were clustered about the middle of the side exposed, as if the funnel had served for a mark; several remained where they had lodged in the iron plating, which, by measurement, proved to be 64-pounders; others had only dented the armor and fallen off, while a few had passed entirely through.

Seen from the outside, the damage did not appear considerable, but within it was evidently irreparable, for the entire structure of the vessel was so shattered that there was little power of resistance left.

The number of guns being very much reduced, of necessity, in iron-clads, particularly in the turrets, which will only accommodate a pair of them, it would naturally be supposed that the weight of broadside would also be limited.

But the very large calibres that are likely to be adopted will so far compensate for the loss in number that the diminution of power will not be important and, in some instances, there will be a gain in weight of projectile.

Thus, the Merrimack originally threw 1,424 pounds from the broadside, and the recent changes have increased this to 2,440 pounds.

Whereas the "Roanoke," which belonged to that class, and is now converted into a turret ship, will throw 2,700 pounds at an object abeam, when fully armed, and 900 pounds ahead or astern.

There must be, however, a material reduction in the celerity of fire with guns and projectiles so large as the XV-inch, whatever may be the mechanical appliances which may be brought to assist.

An XI-inch gun, with a well-disciplined crew, can be fired once a minute; but there must be much improvement in any mode now suggested before a XV-inch gun can be fired once in thrice that time.

As a certain capacity for repetition is essential to the general power of a battery, there is thus involved a disadvantage which can only be compensated to any extent by the great concentration of effect in the individual projectiles. For it may be conceived that the effects of shells of 330 pounds, and shot of 450 pounds, will be damaging beyond any experience in former battles. What may be the power of such ordnance against iron-cased ships—comparative or absolute—remains to be ascertained. This, as well as the piece itself, is yet but an experiment.

It seems superfluous to add that the IX-inch and XI-inch guns of the United States navy were intended to be used against just such ships as were then constructed; and, *for that purpose*, I may say that they combine the elements of ordnance power to a greater degree than any other guns of like nature and weight.

The use of armor for ships had then hardly received any serious consideration. Now, that it is being rapidly applied to all vessels-of-war that can receive it, the guns that have been used will give place to others more particularly adapted to such service, and the prosecution of this question occupies all the attention that may be spared from the pressing demands of the present war.

Two new classes of guns are already in existence; one of these, the XV-inch, is actually mounted on our iron-clads. The other has already been tried at iron plates of $5\frac{1}{4}$ inches thickness, with an oak backing of 18 inches, placed at 200 yards; through which its shot passed with ease. Meanwhile, the guns already on hand will be accommodated as far as possible to the new state of things, and it is satisfactory to know that a severe test proves the IX-inch and XI-inch able to bear continued firing with solid shot and charges much greater than those for which they were intended; the IX-inch one-half greater, the XI-inch double the original quantity of powder.

In this connexion it may be observed that erroneous impressions have obtained currency in regard to the mode of action which was proposed for this style of gun, an instance of which has already been noticed as emanating from

an official personage. A recent repetition of this error by a high popular authority would induce the unprofessional reader to suppose that the sole object of these guns was to fire large masses of metal with low velocity, regardless of all proper effect. Whereas it was merely designed to drive the heaviest projectiles that could be conveniently manipulated with no more velocity than would just pass entirely through a ship's side. The complete penetration of the object was to be effected, but with no more velocity than absolutely indispensable for that object; and thus the greatest amount of concussive power was combined with sufficient penetration.

These views were fully given at length in a publication made some six years since,* and illustrated by instances of practical results.

It was not to be expected that ordnance designed so particularly for a given effect upon wooden structures should be equally fitted to operate upon armored vessels. Their application to this service was, therefore, temporary; and yet, even under such disadvantages, the XI-inch shot, fired with 30 pounds, is known to act severely on targets plated with $4\frac{1}{2}$ -inch iron, and to have an endurance with these excessive charges that could not have been expected.

The cannon used in England to fire at the "Warrior target," in April, 1862, was made of wrought iron, after the design of Sir William Armstrong. It is said to have weighed nearly 27,000 pounds, and on the above occasion was fired four times with 50 pounds of powder and a round shot of 156 pounds.

The XI-inch gun weighs 16,000 pounds, (cast iron,) and in proportion to its weight would be doing the same work as this Armstrong gun if it was fired with 31 pounds of powder and a 93-pound shot.

One of this class, now here, has been fired 155 times, as follows :

22 rounds with 20 pounds	} Shot of 165 to 169 pounds.
101 rounds with 25 pounds	
32 rounds with 30 pounds	

A charge of 30 pounds is very nearly proportional to that used in the Armstrong 156-pounder, and the shot is 80 per cent. heavier than it should be relatively, and 13 pounds absolutely than the shot of the British gun.

The gun is not burst, nor does it exhibit any indication of giving way. The Armstrong gun has burst, and it gave way with a charge of 50 pounds. It is said to have been fired 160 or 170 times, several of which were with much heavier charges—60 to 90 pounds—but of this we have no information here beyond what may have appeared at different times in the public prints.

On another occasion an XI-inch gun was fired 500 times, of which 170 fires per day were made in two successive days, which so heated the gun that it was found to be warm 18 hours afterwards. No sign of weakness was detected.

The IX-inch class, in the ratio of the British gun, should throw shot of 54 pounds, with 18 pounds of powder.

Mention has already been made of one recently proved with 750 service charges (10 pounds) and shells of 72 pounds, and 500 extra charges ($13\frac{1}{2}$ pounds of powder) and shot of 90 pounds, which last may be assumed to produce a strain equal to the proportional charge. The gun still looks sound.

Another of the same class, after 1,500 service charges, (10 pounds,) and shells of 72 pounds, was fired with gradually increasing charges until at the last round (twenty-second) it burst with a charge of 20 pounds of powder and 10 shot, weighing in the aggregate 900 pounds.

The endurance, therefore, of these cast-iron guns bears comparison with the best forged British guns of the latest design, and the model must therefore be good.

* Shells and Shell-guns. Trübner: London, 1856.

The calibre of the piece, and the velocity with which the ball shall move, are entirely adaptable to what may be required.

It may be that the ratio of velocity to weight should be greater when iron, and not wood, is to be struck, which will be determined quite in season.

COAST DEFENCES.

The ease and impunity with which even one iron-clad can enter a port not specially prepared for such a visitor, and commit mischief at pleasure, suggest the policy of providing by timely measures against the possibility of damage to the immense resources thus exposed.

Some ten years since I took occasion, upon a call from the War Department,* to point to the defenceless condition of many of our harbors, particularly that of New York, which, by its facility of access and great accommodation of means, invited attack from the enterprise or cupidity of an enemy.

These means are not limited to the abundant wealth that commerce has collected from every quarter. But in the city and its vicinity are the vast workshops from which issue the ships and their engines that have within a twelve-month given a new fleet to the country; being, in fact, so many navy yards, called into existence almost at the instant, which would lie under the very cannon of a hostile iron-clad, and, if destroyed, would deprive the country of resources not to be replaced for years.

The present state of our public affairs seems to offer good reason for considering this subject seriously and promptly. We have had, not long since, bitter experience of the facility with which the usual mode of settling a debatable question might be set aside, and an ultimatum at the outset dictated to us, with such preparation as left no doubt that our non-compliance would be visited with the same pacific correctives which history records as having been administered at Copenhagen, (1807,) at Constantinople, (1807,) and to Spain, (1804;) on which occasions the fleets of Denmark and the treasure ships of Spain were seized, and like attempts made on the navy of Turkey, although these powers were actually at peace, and were only suspected of hostile intent.

No injury can result to the public interest from speaking openly on the condition of our ports and coasts; for it is quite as well understood by others as by ourselves, these harbors being habitually frequented by foreign traders, and the amplest information in regard to them minutely shown in our own beautiful Coast Survey charts to all who may choose to examine them.

It behooves us, therefore, in good season, to estimate the danger rightly, and the remedy.

In regard to the latter there will naturally be some difference of opinion, which will be best investigated and judged of by those who shall be intrusted with the duty.

Still, taking our own great seaport as an example, my own views are that a trustworthy and thorough defence can only be made by a harmonious and just combination of forts, iron-clads, and rams, with such other minor auxiliaries as may be contributed to the general purpose; singly, neither would be effectual.

1. The principal defences of the city of New York by land are to be at Sandy Hook, the Narrows, and upon all the little islands near the city.

Whatever may be selected as the material of the interior structure of the fort, the exterior must be of iron. Lines of earthworks will also be useful in assisting and completing the position of the main work.

But by no means should bare masonry be exposed to the action of rifle cannon.

2. The sites of these works should be at a reasonable height above the water,

* Ex. Doc. No. 5, 32d Congress, 1st session.

because the fire of ships always loses much of its effect against elevated objects; and iron-clads have still greater difficulties to contend with from the very limited degree of elevation which their ports permit, and the obstacles that interpose in aiming deliberately.

For these reasons the forts at the Narrows are illy calculated to hinder the passage of an iron-clad, or even to withstand its direct attack; less so, indeed, than the seemingly insignificant earthworks on the elevated plateau to the left.

3. A sufficient number of iron-clads should be ready to assist the forts, and to fill in the gaps left between them.

4. With these should act the most powerful rams that can be built.

Their construction to be very powerful, their lines very fine, draught moderate, filled with steam-power, and impervious to shot.

This description of steamer ought never to act singly, for by a skilful and timely change in direction the vessel attacked might elude the blow and leave no good opportunity to renew it for some time; a second or a third ram, co-operating with the first, would make it impossible to avoid a direct blow from one of them.

It is obvious also that rams would be of little force in chase, unless their speed were very much greater than that of the other vessel.

Obstructions of various kinds may also be placed at different parts of the channel.

It will be seen that I now have in view only the main passage to the city, the Raritan bay and the "Kills" being easily defensible.

The same remarks which apply to New York are also applicable to many other seaports, such as Newport, Portland, &c.

And on the Pacific side, most especially to San Francisco, which, though remote from the scene of the present struggle, is yet worth all attention and care in fortifying it against attack, for this superb harbor should not be exposed to the least mischance.

The greatly increased importance of Key West, and similar islands, demands improvements in their fortifications, with a sufficient number of iron-clads and rams.

GUNNERY-SHIP.

It seems very late now to urge the institution of a system of instruction in gunnery for our seamen. Other naval powers have considered this one of the indispensable requisites for a Navy, while with us it has received no countenance whatever. In 1857, at my urgent solicitation, the Department allowed me the use of a ship for this purpose; but no measures were taken to supply men for instruction, so that the main purpose was defeated, and after a while the vessel itself was directed to another use, at a time when 200 or 300 good captains of guns could have been supplied from it yearly to the navy.

I have been entirely at a loss to conceive why an interest so vital should have been thus neglected; for whatever may be the skill of the officers, it is manifest that the effect of each gun in action depends on the seaman who adjusts the sights, takes the aim, and fires the piece. Yet this person is left entirely to his own instincts to pick up such notions as chance may throw in his way.

It seems to be a common impression that all seamen are conversant with the use of artillery, which is by no means correct. On the contrary, this knowledge is the peculiar acquirement of the man-o'-war's-men, and is only obtained in the Navy.

When, therefore, the department is, by the exigencies of circumstances, compelled suddenly to increase the number of its seamen, resort is frequently necessary to those whose service may not have been in the Navy.

The material is excellent, but still has to be initiated into the very rudiments of gunnery.

The ship-of-war about going into service, and which may be in action but a few days after receiving a new crew, is not by any means the place of schooling the recruits; yet such must be the case under present arrangements.

And this is now of even more importance, from the fact that our ships are very short of officers.

I may mention here one fact corroborative of the foregoing.

Just after the disaster at Bull's Run, (1861,) I was called on (as Commandant of the Navy Yard) to place a detachment of seamen at an important point, to assist in the defence of the lines. Three hundred prime, able-bodied seamen were mustered for the purpose, and on a preliminary examination, with a view to stationing the men at the guns they were to man, it was found that only ten or fifteen had ever served at a gun before.

Wherefore I respectfully urge that some course of instruction in gunnery may be instituted as a part of the system of the navy, *for battle is but the harvest of preparation.*

In conclusion, I beg leave to ask your consideration of the present organization of this Bureau. The nature of its duties are military as well as civil, and the minutest details of a cannon or its management on shipboard are subjects of its cognizance, as well as the directions for making cannon and all their complicated appliances.

It is thus necessarily in the closest professional contact with commanders of fleets and of ships, as well as of foundries and mechanics.

I have the honor to be, very respectfully, your obedient servant,

JOHN A. DAHLGREN,
Chief of Bureau of Ordnance.

Hon. GIDEON WELLES,
Secretary of the Navy.

Estimate of appropriations under the cognizance of the Bureau of Ordnance, Navy Department, required for the service of the fiscal year ending June 30, 1864.

Heds or titles of appropriations.			
	Estimates of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimates of the balances of appropriations unexpended on the 30th June, 1863, which may be applied to the service of the next fiscal year.	Appropriations for the fiscal year ending June 30, 1863.
For pay and contingent expenses of the bureau	\$19, 340 00	There will be no "balances unexpended on the 30th June, 1863," but a deficit of \$701,200. ^c	\$13, 090 00
For pay of the navy	38, 020 00		34, 275 00
For ordnance, ordnance stores, and other ordnance purposes	7, 110, 000 00		5, 471, 000 00
	7, 167, 360 00		5, 518, 365 00
On the 1st of November there was a balance to the credit of the bureau of.....			\$3, 758, 274 00
While there remained to be paid under existing contracts when fulfilled			4, 459, 474 00
Showing a liability to be met of			701, 200 00

besides any other expenditure that may become necessary during the remaining eight months of the present fiscal year, and which, if not appropriated for, must be taken from the appropriation for the year ending June 30, 1864, and will therefore reduce the funds for the next fiscal year by that amount.

JNO. A. DAHLGREN, Chief of Bureau.

BUREAU OF ORDNANCE, November 10, 1862.

A.

Estimate of the amount required for the support of the Bureau of Ordnance for the year ending June 30, 1864.

For salary of chief of the bureau, per act of July 5, 1862, pamphlet edition of laws, section 2, page 510	\$3, 500 00
For salary of assistant, per act of July 5, 1862, pamphlet edition of laws, section 3, page 511	3, 000 00
For salary of one clerk and one draughtsman, per act of July 5, 1862, pamphlet edition of laws, section 3, page 511.....	2, 800 00
For salary of messenger, per act of July 5, 1862, pamphlet edition of laws, section 3, page 511.....	840 00
For salary of two laborers, per act of July 5, 1862, pamphlet edition of laws, section 3, page 511.....	1, 080 00
	11, 220 00
Appropriated for year ending June 30, 1863.....	12, 340 00

CONTINGENT EXPENSES.

For blank books, stationery, and miscellaneous items.....	\$1, 000 00
Appropriated for year ending June 30, 1863.....	750 00

JNO. A. DAHLGREN,
Chief of Bureau.

BUREAU OF ORDNANCE, *October 13, 1862.*

Supplementary.

One chief clerk.....	\$1, 800 00
Three second class clerks	4, 200 00
	6, 000 00

There is but one clerk now allowed by law. Four additional clerks are absolutely required to keep up the present amount of work.

JNO. A. DAHLGREN,
Chief of Bureau.

BUREAU OF ORDNANCE, *November 10, 1862.*

B.

Estimate of pay required for officers and others proposed to be employed on ordnance duty for the year ending June 30, 1864.

For four assistant inspectors at founderies to supervise casting cannon, viz:	
Two captains, at \$2,800.....	\$5, 600 00
Two commanders, at \$2,240	4, 480 00
For ordnance officers at the Portsmouth, Boston, New York, and Philadelphia navy yards, Fortress Monroe, and the western waters, viz:	
Three commanders, at \$2,240.....	6, 720 00
Four lieutenant commanders, at \$1,875	7, 500 00

For the ordnance yard, Washington :

One captain in charge, per act of June 1, 1860, pamphlet edition of laws, sections 1 and 2, pages 24 and 27.....	\$4,200 00
One assistant to captain in charge.....	1,875 00
One pyrotechnist	1,500 00
One assistant pyrotechnist.....	1,400 00
One principal clerk, at \$5 per day	1,825 00
One second clerk, at \$3 per day	1,095 00
One draughtsman, at \$5 per day.....	1,825 00
	38,020 00

Appropriated for year ending June 30, 1863..... 34,275 00

JNO. A. DAHLGREN,
Chief of Bureau.

BUREAU OF ORDNANCE, *November 10, 1862.*

C.

It is impossible to define with any particularity what amount shall be required for the ordnance purposes of the navy through an entire year, commencing eight months hence, wherefore, the amounts estimated for are necessarily approximative ; but the public interests require that they should not fall short of possible contingencies.

1. For heavy cannon of all descriptions, field and boat howitzers, gun-carriages, shot, shells, and equipments of all kinds	\$3,000,000 00
2. For cannon and musket powder.....	750,000 00
3. For the purchase of nitre.....	1,000,000 00
4. For small arms.....	250,000 00
5. For labor at navy yards.....	900,000 00
6. For freight, transportation, books, inspecting instruments, watchmen, assistance for fabrication and inspection of guns, and contingent expenses of all kinds.....	250,000 00
7. For extension and repair of quarters of officers attached on ordnance duty, with a limited quantity of plain furniture	20,000 00
8. For ordnance purposes not above enumerated.....	150,000 00
9. For three powder tugs at Boston, New York, and Philadelphia, and for repairs of ordnance steamboat to convey powder, shells, and ordnance stores.....	40,000 00
10. For repairs and additions to ordnance machinery and shops at navy yards.....	200,000 00
11. For repairs and additions to magazines on seaboard for powder, nitre, shells, &c.....	100,000 00
12. For interior central depot of nitre, sulphur, including purchase of site :	
East of the Alleghanies.....	50,000 00
West of the Alleghanies.....	50,000 00
13. For depot of heavy cannon and ordnance stores to supply the western flotilla, to be located on one of the principal rivers, including purchase of site.....	250,000 00
	<u>7,010,000 00</u>

This estimate (C) amounts in the aggregate to \$7,000,000, while the appropriations of the preceding year, ordinary and supplemental, were \$6,617,000.

Nominally, the sum now asked is inconsiderably greater than the appropriation for this year, while, in reality, owing to the depreciation of the currency, it is a million and a half less.

The difference in the distribution of the total among the several objects is, in my judgment, the most desirable for the public interest at this time, and is therefore most respectfully recommended to the consideration of the department.

The item for magazines has hitherto been in charge of the Bureau of Yards and Docks. It is believed by both bureaus to belong more appropriately to the Bureau of Ordnance.

The immediate action of Congress is respectfully suggested on items Nos. 3, 9, 12, and 13.

The above estimates do not include the deductions caused by the additional duty on nitre, which affects the cost of gunpowder, nor the internal tax of one per cent. which operates upon all the articles. It is therefore necessary to meet this by a suitable appropriation, and I submit \$100,000 as an estimate for this purpose.

On the 1st of November there was a balance to the credit of the bureau of \$3,758,274, while there remained to be paid under existing contracts, when fulfilled, \$4,459,474, showing a liability to be met of \$701,200, besides any other expenditure that may become necessary during the remaining eight months of the present fiscal year; and which, if not appropriated for, must be taken from the appropriation for the year ending June 30, 1864, and will therefore reduce the funds for the next fiscal year by that amount.

Comparison of expenditures.

	1862.	1863.
Item 1.....	\$3,000,000	\$3,000,000
Item 2.....	360,000	750,000
Item 4.....	500,000	250,000
Item 5.....	900,000	900,000
Item 6 and 8.....	390,000	400,000
Item 10.....	321,000	200,000
Item 11.....	96,000	100,000
	5,567,000	5,600,000
Item 3.....		1,000,000
Item 7.....		20,000
Item 9.....		40,000
Item 12.....		100,000
Item 13.....		250,000
		1,410,000

JOHN A. DAHLGREN, *Chief of Bureau.*

BUREAU OF ORDNANCE, November 10, 1862.

D.

Statement of cost or estimated value of stores on hand at the several navy yards July 1, 1861; of articles received and expended from June 30, 1861, to June 30, 1862; and of those remaining on hand July 1, 1862, which are under the direction of the Bureau of Ordnance.

Navy yards.	On hand July 1, 1861.	Receipts.	Expenditures.	On hand July 1, 1862.
Portsmouth.	\$264,410 04	\$442,203 23	\$437,742 36	\$268,870 91
Boston.	456,439 81	1,427,357 48	1,213,351 84	670,445 45
New York.	531,345 86	2,345,551 67	2,195,705 27	681,192 26
Philadelphia.	65,567 44	400,142 45	248,494 72	217,215 17
Washington.	97,704 00	1,108,286 00	870,758 00	335,232 00
	1,415,467 15	5,723,540 83	4,966,052 19	2,172,955 79

JOHN A. DAHLGREN, *Chief of Bureau.*

BUREAU OF ORDNANCE, *November 10, 1862.*

E.

Statement of the number of days' labor, and cost thereof, from July 1, 1861, to July 1, 1862, at the respective navy yards, chargeable to the Bureau of Ordnance.

Navy yards.	No. of days' labor.	Cost of labor.	Average per day.
Portsmouth.	35,992	\$66,991 52	\$1 86
Boston.	105,706	186,991 02	1 77
New York.	66,711	114,945 86	1 72
Philadelphia.	60,516	111,045 77	1 83½
Washington.	272,115	467,078 97	1 71½
	541,040	947,053 14	1 75

JOHN A. DAHLGREN, *Chief of Bureau.*

BUREAU OF ORDNANCE, *November 10, 1862.*

No. 6.

BUREAU OF CONSTRUCTION.

NAVY DEPARTMENT,

Bureau of Construction, &c., November 26, 1862.

SIR: In compliance with your instructions of the 27th August, I have the honor to transmit herewith the estimate, as far as appertains to this bureau, of the amounts which it is believed will be necessary to meet the expenditures of the fiscal year ending June 30, 1864.

Respectfully, your obedient servant,

JOHN LENTHALL.

Hon. GIDEON WELLES,

Secretary of the Navy.

No. 1. *Estimate of the amount required for the expenditures of the Bureau of Construction and Repair, for the fiscal year ending June 30, 1864.*

For salary of chief of bureau, per act of July 5, 1862, pamphlet form, section 3, page 511.....	\$3, 500
For salary of one chief clerk, (4th class,) per act of July 5, 1862, pamphlet form, section 3, page 511.....	1, 800
For salary of one draughtsman, per act of July 5, 1862, pamphlet form, section 3, page 511.....	1, 400
For salary of five clerks, (2d class,) per act of July 5, 1862, pamphlet form, section 3, page 511.....	7, 000
For salary of one clerk, (1st class,) per act of July 5, 1862, pamphlet form, section 3, page 511.....	1, 200
For salary of one messenger, per act of July 5, 1862, pamphlet form, section 3, page 511.....	840
For salary of one laborer, per act of July 5, 1862, pamphlet form, section 3, page 511.....	600
	<u>16, 340</u>

CONTINGENT EXPENSES.

For blank books, binding, stationery, and miscellaneous items	1, 000
	<u>17, 340</u>

No. 2. *Estimate of the amount required for the construction, repair, wear and tear, of vessels in commission, for the fiscal year ending June 30, 1864.*

For the sailing vessels.....	\$2, 332, 000
For the screw steamers.....	2, 318, 000
For the paddle-wheel steamers	1, 924, 000
For the iron-clad vessels of wood and iron.....	424, 000
For the steam-vessels on the Mississippi river and western waters	2, 300, 000
	<u>9, 298, 000</u>

No. 3. *Estimate of the amount required for additional purchase of vessels for blockading squadrons, charter of vessels, extra labor, &c., for the fiscal year ending June 30, 1864.*

For the purchase of additional steamers and their repairs	\$2, 500, 000
For the charter of vessels	350, 000
For extra labor and materials, other than by contract, or at navy yards	200, 000
For repairs of vessels on foreign stations	200, 000
	3, 250, 000

No. 4.

Armor-plated sea steamers of iron	\$12, 000, 000
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No. 5. *Estimate of the amount required for incidental expenditures, or contingent, for the fiscal year ending June 30, 1864.*

For transportation of materials, printing, stationery, books, models, drawings, postage	\$50, 000
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Estimate of appropriations under the cognizance of the Bureau of Construction and Repair of the Navy Department required for the service of the fiscal year ending June 30, 1864.

Hheads of appropriations.	Estimate of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimate of balances of appropriations unexpended on June 30, 1863, which may be applied to the next fiscal year.	Appropriations for the fiscal year ending June 30, 1863.
1. Civil and contingent expenses of the bureau.....	\$17, 340	.....	\$22, 140
2. Repairing and maintaining the vessels of the navy.....	9, 298, 000	.....	11, 400, 000
3. Purchase and charter of vessels, extra labor, &c.....	3, 250, 000	.....	3, 000, 000
4. Armor-plated sea steamers of iron.....	12, 000, 000	.....	.....
5. Contingent expenses	50, 000	.....	.....
	24, 615, 340	.....	14, 422, 140

Statement of cost or estimated value of stores on hand at the several navy yards on July 1, 1861, the value of the receipts and expenditures during the fiscal year ending June 30, 1862, and the value of the stores on hand on June 30, 1862.

Yards.	On hand July 1, 1861.	Received.	Expended.	On hand July 1, 1862.
Portsmouth	\$711, 311 64	\$704, 105 73	\$478, 758 86	\$936, 658 51
Boston ^o	1, 634, 138 71	1, 586, 354 62	2, 084, 103 74	1, 136, 389 59
New York	1, 567, 871 77	1, 915, 605 24	1, 991, 737 14	1, 491, 739 87
Philadelphia	586, 922 75	734, 709 65	736, 329 26	585, 294 14
Washington .....	.....	.....	.....	.....
Norfolk .....	.....	.....	.....	.....
Warrington .....	.....	.....	.....	.....

^o Correct to March 1, 1862; the remainder proportioned.

Statement of the number of days' labor, and its cost, from July 1, 1861, to June 30, 1862, for the respective navy yards, for building, repairing, and equipping vessels of the navy, or in receiving or securing stores and materials for those purposes.

Navy yards.	Number of days' labor.	Cost of labor.	Average per diem.
Kittery	361, 821½	\$646, 905 64	\$1 78
Charlestown			
Brooklyn	683, 524	1, 288, 288 54	1 88½
Philadelphia	464, 963	881, 257 11	1 89½
Washington	205, 322	367, 933 61	1 79½
Gosport			
Warrington			

Bills paid by the Bureau of Construction, Equipment, and Repair, under the appropriation "contingent," for the fiscal year ending June 30, 1862.

Transportation of officers and men	\$102, 495 82
Freight, demurrage, wharfage, lighterage, and dockage	38, 151 48
Pilotage	40, 941 74
Towing	29, 096 70
Printing	6, 817 89
Stationery	2, 982 31
Rent	2, 093 52
Fuel	9, 215 22½
Charter of vessels	160, 622 00
Furniture	318 43
Labor	2, 037 45
Foreign postage and telegraphing	651 78
Candles, soap, and lard oil	614 11
Books and binding	132 07
Tools	1, 105 29
Flags	405 63
Health officers' fees	151 50
Ice	19 56
Water	3, 174 26
Stores	1, 157 91
Lumber	220 84
Total	402, 405 51½

No. 1.

Scale of offers to furnish materials for navy, at the navy yard, Kittery, Maine, under advertisement from the Bureau of Construction, &c., of September 22, 1862.

No.	Bidders.	Class 1.	Class 2.	Class 3.	Class 4.	Class 6.	Class 7.	Class 8.	Class 10.	Class 11.
		White oak logs	White oak keels.	White oak promis- cuous timber.	White oak plank.	Yellow pine logs.	Yellow pine beams	Yellow pine mast and spar timber.	White pine mast timber.	White pine plank and boards.
1	William N. Shakespeare	-----	-----	\$23,500 00	\$5,820 00	-----	-----	-----	-----	-----
2	Trickey & Jewett	\$58,625 00	\$1,906 41	20,643 25	5,175 74	\$41,400 00	\$9,405 00	\$3,316 50	\$794 00	\$3,129 12
3	William Brand	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	H. J. Collins	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	J. L. Savage	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	Smith, Brothers & Co	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	Henry D. Stover	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	Brown & Hicks	70,000 00	3,180 00	24,250 00	7,760 00	43,700 00	9,405 00	4,606 25	1,250 00	-----
9	Isaac N. Meade	65,000 00	3,810 00	23,500 00	9,415 00	29,900 00	8,360 00	4,606 50	1,550 00	3,535 00
10	Charles J. Degraw	59,000 00	-----	-----	-----	41,400 00	-----	-----	-----	-----
11	A. Q. Wendell	-----	-----	-----	-----	-----	-----	-----	-----	-----
12	Wesley Smith	69,000 00	2,416 80	31,650 00	6,605 00	-----	-----	-----	1,478 00	-----
13	Daniel Husted	63,000 00	4,579 20	23,000 00	5,828 00	34,040 00	9,405 00	4,237 75	1,500 00	-----
14	David Risley	-----	-----	-----	-----	28,750 00	8,882 50	3,132 25	-----	-----
15	William A. Wheeler	-----	-----	-----	-----	-----	-----	-----	-----	-----
16	John R. Elvans	-----	-----	-----	-----	-----	-----	-----	-----	-----
17	James McLaughlin	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	Benjamin Haxton	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	George A. Hammond	74,000 00	-----	23,500 00	6,596 00	-----	-----	-----	1,264 00	-----

[illegible]

I. N. Meade (offer 9) did not enter into contract.

John Joslyne (offer 26) did not enter into contract.

[illegible]

I. N. Meade (offer 9) did not enter into contract.

John Joslyne (offer 26) did not enter into contract.

24	George Adams	338 50	2,340 00	3,722 64	1,320 00	574 00	535 14	2,984 50	
25	A. W. Trussell								
26	John Joslyne								
27	George L. Treadwell				1,000 00	290 00		4,486 00	
28	John H. Bayly	240 00	1,563 00	2,845 00	566 00	932 50	294 00	2,517 00	320 00
29	George Chesley								
30	Hall L. Davis								
31	George T. Vaughn								
32	J. N. Mathers								
33	A. E. Cutter								
34	James Larabee								
35	Z. Southard								
36	George Chaupenning								
37	John M. Davis								
38	William Martin								
39	Hill & Carr								
40	Spaulding & Parrott	600 00							
41	Daniel D. Miller								
42	John O. Evans								
43	William Porter & Sons								
44	James Bigler								
45	James F. Shores								433 75
46	John H. Broughton								
47	Oliver Frost								
48	Nathaniel W. Coffin								
49	William E. Coffin & Co								
50	R. M. Nichols								
51	Fox & Polhemus								

Offer 9, of L. N. Meade, did not enter into contract.

Offer 26, of John Joslyne, did not enter into contract.

No. 1.—Scale of offers to furnish materials for the navy, &c.—Continued.

No.	Bidders.	Class 43 Pitch, rosin, and tar.	Class 44. Oil, tallow, and soap.	Class 46. Miscellaneous dry goods.	Class A. Boiler iron and rivets.	Class C. Lard oil.	Class F. Miscellaneous tools for engineers.	Class G. Cooking utensils, stoves, &c.	Class H. Flax canvas.	Class I. Cotton canvas.	Class J. Twine.
1	William N. Shakespeare	---	---	---	---	---	---	---	---	---	---
2	Trickey & Jewett	---	---	---	---	---	---	---	---	---	---
3	William Brand	---	---	---	---	---	---	---	---	---	---
4	H. J. Collins	\$1,381 00	\$221 80	\$1,016 10	---	\$1,500 00	\$206 30	\$525 60	---	---	\$415 00
5	J. L. Savage	1,223 00	92 90	702 32	\$955 00	990 00	169 25	208 50	11,750 00	\$15,480 00	462 50
6	Smith, Brothers & Co.	---	---	---	970 25	---	---	---	---	---	---
7	Henry D. Stover	---	149 80	1,251 71	2,025 00	900 00	183 58	7,160 00	---	---	---
8	Brown & Hicks	---	---	---	---	---	---	---	---	---	---
9	Isaac N. Meade	---	---	---	---	---	---	---	10,991 00	9,890 00	---
10	Charles J. Degraw	---	---	---	---	---	---	---	---	---	---
11	A. Q. Wendell	---	122 75	722 00	---	980 00	191 90	336 55	---	---	---
12	Wesley Smith	---	---	---	---	---	---	---	---	---	---
13	Daniel Husted	---	---	---	---	---	---	---	---	---	---
14	David Risley	---	---	---	---	---	---	---	---	---	---
15	William A. Wheeler	---	---	---	---	---	---	---	---	---	---
16	John R. Elvans	---	---	---	---	---	---	---	---	---	---
17	James McLaughlin	---	---	---	---	---	---	---	---	---	---
18	Benjamin Haxton	---	---	---	---	---	---	---	---	---	---
19	George A. Hammond	---	---	---	---	---	---	239 25	---	---	---
20	E. A. Stevens	---	---	---	---	---	---	---	---	---	---
21	James R. Pugh	---	---	---	---	---	---	---	---	---	---
22	Bush & Mills	---	---	---	---	---	---	---	---	---	---
23	Nathan F. Mathers	---	166 45	---	---	980 00	---	---	---	---	---

[illegible]

Offer 9, of I. N. Meade, did not enter into contract.

Offer 26, of John Joslyne, did not enter into contract.

No. 1.—Scale of offers to furnish materials for the navy, &c.—Continued.

No.	Bidders.	Class K.	Class L.	Class M	Class N.	Class O.	Class Q.	Class R.	Class S.	Class T.
		Leather.	Hose.	Brushes.	Bunting.	Lanterns.	Sperm oil.	Ship chandlery for stores and equipments.	Stationery.	Firewood.
1	William N. Shakespeare									
2	Trickey & Jewett									
3	William Brand									
4	H. J. Collins	\$635 00		\$510 50	\$537 50	\$794 00	\$4,800 00	\$1,724 25		
5	J. L. Savage	192 50	\$424 00	241 55			3,390 00	780 30		
6	Smith, Brothers & Co									
7	Henry D. Stover		500 00	261 60		896 00	3,400 00			
8	Brown & Hicks									
9	Isaac N. Meade									
10	Charles J. Degraw									
11	A. Q. Wendell			270 04			3,700 00	1,161 48		
12	Wesley Smith									
13	Daniel Husted									
14	David Risley									
15	William A. Wheeler								\$283 00	
16	John R. Elvans									
17	James McLaughlin			245 28						
18	Benjamin Haxton									
19	George A. Hammond									\$668 00
20	E. A. Stevens									
21	James R. Pugh		365 00							
22	Bush & Mills									
23	Nathan F. Mathers						3,960 00			

[illegible]

Offer 9, of I. N. Meade, did not enter into contract.

Offer 26, of John Joslyne, did not enter into contract.

[illegible]

Offer 9, of I. N. Meade, did not enter into contract, and the classes were awarded to next lowest.

Offer 9, of E. N. Meade, did not enter into contract, and the classes were awarded to the next lowest.

[illegible]

Class 30 awarded by lot.

[illegible]

[illegible]

[illegible]

Class S. bidders refused to enter into contract for.

No. 3.

Scale of offers to furnish materials for the navy at the navy yard, Brooklyn, New York, under advertisement from the Bureau of Construction of September 22, 1862.

No.	Bidders.	Class 1. White oak logs.	Class 2. White oak keel-pieces.	Class 3. White oak promiscuous timber.	Class 4. White oak plank.	Class 6. Yellow pine plank stock logs.	Class 7. Yellow pine beams.	Class 8. Yellow pine mast and spar timber.	Class 10. White pine mast timber.	Class 11. White pine.
1	William N. Shakespeare...	\$32,500 00	\$1,121 00	\$6,500 00	\$29,300 00					
2	Jos. W. Duryea.....									\$16,320 00
3	William Brand									
4	S. V. Bletz.....									25,785 00
5	George W. Brown	45,000 00							\$6,560 00	
6	C. W. Scofield.....									
7	H. J. Collins									
8	Joseph L. Savage.....									
9	H. D. Stover.....									
10	Brown & Hicks	32,500 00	1,648 75	7,000 00	44,700 00	\$36,000 00	\$3,145 00			
11	I. N. Meade.....	30,000 00	1,978 50	5,000 00	40,500 00	26,000 00	2,960 00			
12	Charles J. Degraw	21,500 00	830 97	6,400 00	25,920 00	28,000 00	2,775 00	\$6,428 10	2,928 00	14,809 00
13	S. G. Bogert.....	23,500 00	1,187 10		31,700 00				2,928 00	17,590 00
14	Wesley Smith	22,200 00	896 92	7,400 00	26,840 00	50,000 00	9,250 00	41,539 00	3,652 68	19,751 00
15	Daniel Husted	22,500 00	1,922 55	6,200 00	30,440 00	27,200 00	2,923 00	16,746 20	10,980 00	
16	W. F. Shattuck									
17	David Risley.....					27,600 00				
18	William A. Wheeler									
19	John R. Elvans									
20	James Bigler	25,000 00	817 78	6,500 00	29,700 00				2,928 00	17,155 00

[illegible]

Offers of I. N. Meade and of J. T. Spencer did not enter into contract.
No contract made for classes 3, 6, and T.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

I. N. Meade declined entering into contract; class 1 awarded by lot.

No. 5.

Scale of offers to furnish materials for the navy at the navy yard Washington, D. C., under advertisement from the Bureau of Construction, Equipment, and Repair, of September 22, 1862.

No.	Bidders.	Class 1. White oak logs.	Class 6. Yellow pine plank stock logs.	Class 11. White pine.	Class 13. Ash plank.	Class 14. Ash oars.	Class 15. Hickory bars.	Class 16. Black walnut.	Class 17. Cypress.	Class 19. Staves and heading.	Class 21. Poplar.
1	William N. Shakespeare	\$9,750 00	\$2,500 00								
2	Esau Pickrell			\$3,742 00	\$142 50		\$72 00	\$340 00	\$320 00	\$426 00	\$100 00
3	C. Levering										
4	John E. Simmons										
5	George G. Sanders	9,000 00					60 00				
6	George T. Robb										
7	C. H. Kennedy										
8	S. V. Bletz			4,480 00	120 00	\$500 00		300 00			
9	H. J. Collins										
10	Joseph L. Savage					800 00					
11	H. D. Stover										
12	Brown & Hicks	8,250 00	3,000 00							217 50	
13	Charles J. DeGraw	10,500 00	4,500 00	3,900 00							
14	E. Wheeler										
15	S. G. Bogert	9,000 00									
16	E. N. Belt	9,750 00	3,950 00	2,773 00		400 00	84 00			311 00	
17	T. G. Ford										
18	L. N. Meade										
19	David Risley		3,500 00								

No. 5.—Scale of offers to furnish materials for the navy, &c.—Continued.

No.	Bidders.	Class 25. Iron.	Class 26. Steel.	Class 27. Iron spikes.	Class 28. Iron nails.	Class 30. Lead.	Class 31. Zinc, tin, solder.	Class 33. Hardware.	Class 36. White lead.	Class 37. Zinc, paint.	Class 38. Colored paint.
1	William N. Shakespeare.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Esau Pickrell.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	C. Levering.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	John E. Simmons.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	George G. Sanders.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	George T. Robb.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	C. H. Kennedy.	\$2, 185 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	S. V. Bletz.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	H. J. Collins.	.....	.....	.....	\$541 20	.....	\$3, 518 00	\$3, 388 20	\$1, 000 00	\$345 00	\$396 70
10	Joseph L. Savage.	3, 631 00	\$650 00	\$640 00	345 67	17, 410 00	3, 388 00	2, 445 92	1, 150 00	397 50	460 00
11	H. D. Stover.	5, 575 50	979 00	1, 200 00	.....	.....	3, 845 00	.....	1, 200 00	500 00	.....
12	Brown & Hicks.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Charles J. DeGraw.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	E. Wheeler.	.....	742 00	645 00	296 70	.....	3, 780 00	2, 455 50	1, 100 00	.....	.....
15	S. G. Bogert.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	E. N. Belt.	3, 637 50	737 00	650 00	.....	17, 480 00	3, 510 00	.....	1, 200 00	500 00	.....
17	T. G. Ford.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	I. N. Meade.	.....	.....	.....	.....	17, 980 00	.....	.....	.....	.....	.....
19	David Risley.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	William A. Wheeler.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	John R. Elvans.	4, 027 87	652 00	.....	354 36	.....	3, 398 27	.....	.....	.....	.....
22	James Bigler.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Benjamin Haxton.	.....	.....	.....	.....	18, 200 00	.....	.....	.....	.....	.....

[illegible]

Offer of E. N. Bolt declined executing contract.

Offer of I. N. Meade declined executing contract.

Offer of C. H. Kennedy declined executing contract.

24	King & Burchell.....	-----	-----	772 50	286 25	-----	-----	-----	-----
25	Bigler & Wilt	-----	-----	-----	-----	-----	-----	-----	-----
26	George E. Bridges	-----	-----	-----	-----	-----	-----	-----	-----
27	Zibeon Southard	-----	-----	-----	-----	-----	-----	-----	-----
28	George Chaupenning	-----	-----	-----	-----	-----	-----	-----	-----
29	George E. Townsend	-----	-----	-----	-----	-----	-----	-----	-----
30	John O. Evans	-----	-----	-----	-----	-----	-----	-----	-----
31	O. S. Pennock & Co	-----	-----	-----	-----	-----	-----	-----	-----
32	W. Porter & Sons	-----	890 50	-----	-----	-----	-----	-----	-----
33	W. E. Coffin & Co	-----	-----	-----	-----	-----	-----	14,925 00	-----
34	D. S. Grice	-----	-----	-----	-----	-----	-----	-----	-----
35	Fox & Polhemus	-----	-----	-----	-----	-----	-----	-----	-----
36	William Brand	-----	-----	-----	-----	-----	-----	-----	-----

Offer of J. E. Simmons, for Class 49, declined to execute;
awarded to next lowest.

Offer of E. N. Belt declined executing contract.

Offer of G. G. Sanders declined executing contract.

Offer of I. N. Meade declined executing contract.

No contract made for classes 48, 50, and 51.

24	King & Burchell.....	1,700 00	127 15	1,100 00
25	Bigler & Wilt.....			
26	George E. Bridges.....			
27	Zibeen Southard.....	2,100 00		
28	George Chaupenning.....			
29	George E. Townsend.....			
30	John O. Evans.....			
31	O. S. Pennock & Co.....			
32	W. Porter & Sons.....			
33	W. E. Coffin & Co.....			
34	D. S. Grice.....			
35	Fox & Polhemus.....			
36	William Brand.....			

Class Q awarded by lot.

E. N. Belt declined executing contract.

Scale of offers to furnish anthracite coal for the navy, under advertisement from the Bureau of Construction and Repair, of June 10, 1862.

No.	Bidders.	Per ton.							
		Buck Mountain.		Black Heath.		Locust Mountain.		Kind not specified.	
		Delivered at Port Richmond.	Delivered else-where.	Delivered at Port Richmond.	Delivered else-where.	Delivered at Port Richmond.	Delivered else-where.	Delivered at Port Richmond.	Delivered else-where.
1	George W. Brown	-----	-----	-----	-----	-----	-----	-----	\$4 25
2	William M. Davidson	-----	-----	-----	\$4 22	-----	-----	-----	-----
3	William N. Hirst	-----	-----	-----	4 15	-----	-----	-----	-----
4	William Hunter, jr.	-----	-----	-----	4 60	-----	-----	-----	-----
5	Charles F. Norton	-----	-----	-----	-----	-----	5 00	-----	-----
6	William Underdown	-----	-----	-----	4 40	-----	-----	-----	-----
7	John S. Jones	-----	-----	-----	4 00	-----	-----	-----	-----

Offer 7, of John S. Jones, declined, and offered to next lowest, who accepted.

July 11, 1862. Opened in presence of John Lenthall, William Faxon, A. B. Farwell.

No. 7.—NEW YORK.

Scale of offers to furnish anthracite coal for the navy, under advertisement from the Bureau of Construction and Repair, of June 10, 1862.

No.	Bidders.	Per ton.			
		Buck Mountain.		Black Heath.	
		Delivered at navy yard.	Delivered elsewhere.	Delivered at navy yard.	Delivered elsewhere.
1	Lewis Buckman .....	.....	.....	.....	\$1 37
2	William Underdown .....	.....	.....	.....	5 34
3	Samuel B. Van Dusen .....	.....	.....	.....	5 50

July 11, 1862. Opened in presence of John Lenthall, William Faxon, A. B. Farwell.

No. 8.

Abstract of offers made under advertisement of the Navy Department of August 16, 1862, for iron vessels for river and harbor defence.

	Bidders.	No. of vessels	In 4 months	In 5 months	In 5½ months	In 6 months	In 6½ months	In 6¾ months	In 7 months	In 8 months	In 9 months	In 10 months	In 10½ months	In 11 months	In 12 months
1	Marlan & Hollings worth	1	---	---	---	\$515,000	---	---	---	---	---	---	---	---	---
2	Jas. Harrison & Co	4	---	---	---	---	---	---	---	---	\$675,000 670,000 665,000	\$665,000	\$670,000	\$675,000 665,000	\$670,000
3	Thos. Stack	1	---	---	---	---	\$650,000	---	---	---	---	---	---	---	---
4	Secor & Co	2	---	\$481,000	{ \$481,000 461,000	---	461,000	---	---	---	---	---	---	---	---
5	Geissie & McCoy ..	2	---	---	---	---	---	---	---	---	662,500 670,000	---	---	---	662,500
6	Miles Greenwood ..	2	---	485,000	---	---	---	---	---	---	---	---	---	---	---
7	Geo. C. Bester & Co	1	---	---	---	500,000	---	---	---	---	---	---	---	---	---
8	Snowden & Mason ..	1	---	---	---	472,500	---	---	---	---	---	---	---	---	---
9	Atlantic Works	1	---	---	---	---	---	---	\$640,000	---	---	---	---	---	---
10	Harrison Loring ..	2	---	490,000	---	---	---	---	480,000	---	---	---	---	---	---
11	Pennsylvania Iron- Works	1	---	---	---	---	---	---	595,000	\$590,000	585,000	---	---	---	---
12	Wilcox & Whiting	3	---	---	---	540,000	---	---	---	530,000	---	520,000	---	---	---
13	Wm. Perine	1	---	480,000	---	---	---	---	---	---	---	---	---	---	---
14	Niles Works & A. Swift & Co	2	---	450,000	---	450,000	---	---	---	---	---	---	---	---	---
15	S. S. Ashcroft & Co.	1	---	---	---	---	---	---	475,000	---	---	---	---	---	---
16	J. B. Eads	2	---	570,000	---	---	---	---	570,000	---	---	---	---	---	---

o Or more.

The department decided to offer the sum of \$460,000 to vessels to be completed in six months.
August 29, 1862. Opened in presence of John Lenthall, B. F. Isherwood, William Faxon.

No. 9.

Abstract of offers for the hulls of paddle-wheel steamers, under advertisement by the Navy Department of July 16, 1862.

Bidders.	To be launched in—				Remarks.
	14 weeks.	16 weeks.	18 weeks.	20 weeks.	
Wines & Baylis	-----	-----	-----	\$100,000	
Vaughn & Fisher	-----	-----	-----	85,500	
Hillman & Streaker	-----	\$76,000	-----	-----	
C. W. Poillon	\$85,000	84,000	\$84,000	-----	One vessel.
Stephen Ward	97,000	95,000	92,000	89,000	Do.
N. L. Thompson	98,000	95,000	92,000	90,000	Do.
Larabee & Allen	88,000	86,500	85,000	83,000	\$500 deducted if governm't furnishes model.
Paul Curtis	75,000	-----	-----	-----	One vessel.
Jacob Birely	-----	-----	75,500	-----	Do.
John J. Abrahams	-----	87,500	-----	-----	Do.
J. A. & D. D. Westervelt	73,000	72,750	72,250	71,750	Do.
John W. Linn	85,000	84,000	83,000	-----	Do.
W. O. Nettleton	-----	-----	98,000	-----	Do.
Thomas Stack	85,500	-----	-----	-----	Do.
A. & G. T. Sampson	88,500	86,650	84,825	84,825	Do.
Jacob Sinex	-----	-----	-----	73,000	Do.
Edward Lupton	92,500	90,000	88,500	88,000	Do.
Eben Mansen	85,000	-----	-----	-----	Do.
J. Simonson	72,900	72,450	72,000	72,000	One or more vessels.
G. W. Lawrence	72,700	72,500	72,250	72,000	Two vessels.
James House	-----	-----	-----	97,000	One vessel.
Niles' Works	-----	-----	82,000	-----	Do.
Curtis & Tilden	74,000	73,000	-----	-----	Do.
C. H. & W. M. Cramp	-----	83,000	-----	80,000	Do.
Samuel Hall	-----	150,000	-----	-----	One or two vessels.
Milton G. Smith	-----	-----	-----	95,750	Do.
George W. Jackman	80,000	79,000	78,000	77,000	One vessel.
F. Z. Tucker	77,000	-----	77,000	-----	One or two vessels.
D. S. Mershon	-----	-----	-----	85,545	One vessel.
Curtis & Tilden	-----	-----	-----	114,000	Iron and wood combined.
Reany, Son & Archbold	-----	-----	-----	-----	

* \$128,000 for hull, \$73,000 for machinery, (of iron;) time, six months.

August 1, 1862. Opened in presence of John Lenthall, B. F. Isherwood, A. B. Farwell.

The lowest bid, \$72,000, was accepted; and additional work amounting to \$3,000 being required, that sum was added, together with \$500 more in the case where the vessel was transported to another port to receive her machinery. This offer was made to the lowest bidders in succession.

No. 10. *Proposals for raising sunken vessels of the United States.*

Offer of Charles J. Bunker :

- 1st. A sum, or salvage, to be adjudged by arbitrators.
- 2d. Will recover the property in hull of Congress for salvage or percentage.
- 3d. Same proposition in regard to steamer Whitehall.

Offer of William L. Haskins :

- 1st. Will raise sunken vessels, leaving compensation to be decided.
- 2d. Will raise the Cumberland for \$150,000.

Offer of Thomas F. Wells :

- 1st. Will raise the Cumberland whole, and materials and property of the Congress, for salvage of 50 per cent.
- 2d. Will raise materials and property of the Merrimack, &c., for salvage of 45 per cent. upon appraised valuation of ships and property.
- 3d. Will recover bodies about wreck free of charge.
- 4th. Will return to owners all private property without charge or salvage.
- 5th. Will deliver all property, &c., to the Norfolk yard to be appraised.

Will raise all sunken vessels from Fortress Monroe to Norfolk, except the Cumberland, and clear the channel, &c., at a salvage of 45 per cent., and will raise the Cumberland whole, and deliver her at Norfolk, for \$8,000; and if anything is sold at auction, salvage will be based upon these prices.

Offer of Loring Bates :

- 1st. Will recover bodies from the Cumberland free, if he can save what he can from the Congress. Compensation to be determined by commissioners.
- 2d. Will take materials from Cumberland and deliver them to the department for compensation that commissioners may award.
- 3d. Will deliver remains of Congress at Fortress Monroe for 40 per cent. of value saved.
- 4th. Will raise and deliver Cumberland at Fortress Monroe for \$48,000.

Will raise Congress and deliver her at Portsmouth for \$7,500, and 40 per cent. of value of materials.

Will raise Merrimack and other vessels for 55 per cent. of value of materials saved.

Offer of Coast Wrecking Company :

Will raise Cumberland for \$75,000.

Will wreck Congress for 50 per cent. of materials saved and 25 per cent. of the money.

Will raise Cumberland for \$50,000, and Congress upon above terms.

Offer of Johnson & Higgins :

Will raise the Cumberland for \$100,000.

Offer of American Submarine Salvage Company :

Will raise Cumberland for \$117,000 and 10 per cent. of value of materials saved; if impracticable, the company to receive 69 per cent. on the value of materials saved, armament, &c.

Will raise and remove Merrimack, if practicable, for 49 per cent. of value of vessel or materials, as the case may be.

Will raise Congress, if practicable, for \$83,000, or 12 per cent. on value of materials, armament, &c. If she cannot be raised, will take her to pieces for salvage of 69 per cent.

Offer of William S. Wickershaw :

Will superintend raising of vessels for 15 per cent. of value saved.

Will raise Congress, if practicable, for \$150,000 ; if she cannot, he will remove her for \$100,000, and all the materials.

Will raise, if practicable, Cumberland, for \$200,000 ; if not, will remove her for \$125,000, and all materials.

Will remove wreck of Merrimack for \$25,000 and the materials.

Will remove vessels in Elizabeth river for \$7,500 each, the government supplying the gunpowder.

Offer of Charles B. Pratt :

Will raise the Cumberland for \$150,000, and the Tigress for 50 per cent. of amount she will bring at auction.

Other vessels raised at fair salvage.

Offer of A. D. Bishop :

Will raise Merrimack and Cumberland for \$110,000.

Will raise Cumberland for \$55,000.

Will raise all vessels in Hampton roads and vicinity of Norfolk at a salvage of 35 per cent., excepting the Cumberland.

Will raise Merrimack at a salvage of 35 per cent., or, if offer for Cumberland is accepted, will raise either or all of the other vessels in Hampton roads at a salvage of 50 per cent.

Offer of Abraham Morrill :

Will raise all vessels in Neuse river for the vessels themselves.

Offer of P. Cato McKean :

Will raise Cumberland for \$35,000 if authorized to draw for money to build apparatus, or \$50,000 if aided elsewhere.

Offer of Watson Williams & Co. :

Will raise Cumberland and Congress, and clear channel where they lie, for \$50,000, or other vessels at a salvage of 50 per cent. ; or will raise Cumberland for \$35,000, and Congress and others for 40 per cent. salvage, except on money recovered, which shall be 20 per cent. of the amount recovered.

No. 11.

Scale of offers for revolving iron turrets under advertisement from the Navy Department of September 13, 1862.

Bidders.	Portsmouth.	Time.	Boston.	Time.	New York.	Time.	Philadelphia.	Time.
1. Thomas F. Rowland-----	\$187,300	1 vessel in 100 days--- 2 vessels in 125 days--- 3 vessels in 160 days--- 4 vessels in 190 days---	\$186,500	-----	\$185,000	-----	\$186,500	-----
2. J. B. & W. W. Cornell & Co.	564,100	For 4 vessels in 6 months--	-----	-----	-----	-----	-----	-----
3. Novelty Works -----	186,000	1 vessel in 4 months--- 2 vessels in 5 months--- 3 vessels in 6 months--- 4 vessels in 7 months---	186,000	-----	182,000	-----	186,000	-----
4. Atlantic Works -----	135,000	4½ months----- 1 vessel in 4½ months--	130,000	3½ months	-----	-----	-----	-----
5. Morgan Iron-Works-----	186,000	2 vessels in 5 months--- 3 vessels in 6 months--- 4 vessels in 7 months---	184,500	-----	182,500	-----	184,500	-----
6. J. S. Underhill -----	167,566	-----	167,566	-----	162,566	-----	-----	-----

Offer 6, of J. S. Underhill, was received too late.

A communication was received from Joseph F. Hamilton & Co., but it only asked for specifications, plans, &c.

October 16, 1862. Opened in the presence of Joseph Smith, John Lenthall, James Selden.

List of contracts, embracing all coming under the cognizance of the Bureau of Construction and Repair, made and received since date of last report, November 29, 1861, to December 9, 1862, prepared in conformity with the act of Congress of April 21, 1808.

Date.	Names of contractors.	Articles.	Price.	Where building.
1862.				
April 30	Joseph Brown.....	Tuscumbia.....	\$148,000 00	Cincinnati.
30	do.....	Indianola.....	128,000 00	Do.
30	do.....	Chillicothe.....	80,000 00	Do.
May 16	Harterpee & Co.....	Marietta.....	188,000 00	Pittsburg.
16	do.....	Sandusky.....	188,000 00	Do.
14	George C. Bester.....	Ozark.....	186,000 00	Mound City.
21	James B. Eads.....	Osage.....	165,000 00	St. Louis.
21	do.....	Neosho.....	165,000 00	Do.
27	do.....	Winnebago.....	303,000 00	Do.
27	do.....	Milwaukie.....	303,000 00	Do.
26	Thomas G. Gaylord.....	Chickasaw.....	320,000 00	Do.
27	G. B. Allen & Co.....	Kickapoo.....	318,000 00	Do.
Sept. 10	Curtis & Tilden.....	Massasoit.....	75,000 00	Boston.
9	Jeremiah Simonson.....	Chenango.....	75,000 00	New York.
9	J. A. & D. D. Westervelt.....	Otsego.....	75,000 00	Do.
9	F. Z. Tucker.....	Mendota.....	75,000 00	Brooklyn.
9	Larrabee & Allen.....	Iosco.....	75,500 00	Boston.
9	Thomas Stack.....	Metacomet.....	75,000 00	New York.
9	George W. Jackman, jr.....	Ascutney.....	75,500 00	Newburyport.
9	John J. Abrahams.....	Eutaw.....	75,000 00	Baltimore.
9	Paul Curtis.....	Chicopee.....	75,500 00	Boston.
9	Edward Lupton.....	Lenapee.....	75,500 00	New York.
9	George W. Lawrence.....	Pontóosac.....	75,000 00	Portland, Maine.
9	C. H. & W. M. Cramp.....	Wyalusing.....	75,500 00	Philadelphia.
9	Daniel S. Mershon.....	Mingoe.....	75,500 00	Bordentown.
9	George W. Lawrence.....	Agawam.....	75,000 00	Portland, Maine.
9	A. & G. T. Sampson.....	Mattabesett.....	75,500 00	Boston.
9	Hillman & Streaker.....	Pontiac.....	75,000 00	Philadelphia.
15	Perine, Secor & Co.....	Manhattan.....	460,000 00	New York.
15	Secor & Co.....	Mahopac.....	460,000 00	Do.

List of contracts, embracing all coming under the cognizance of the Bureau of Construction and Repair, &c.—Continued.

Date.	Names of contractors.	Articles.	Price.	Where building.
1862.				
Sept. 15	Secor & Co.	Tecumseh	\$460,000 00	New York.
15	Harrison Loring	Canonicus	460,000 00	Boston.
15	A. G. Mason	Manayunk	460,000 00	Brownsville, Pennsylvania.
15	Swift & Evans	Oneota	460,000 00	Cincinnati.
13	do	Catawba	460,000 00	Do.
Oct. 9	Reany, Son & Archbold	Wateree	130,170 00	Chester, Pennsylvania.
Sept. 28	John Ericsson	Dictator	} 2,300,000 00	New York.
28	do	Puritan		Chester, Pennsylvania.
31	do	Lehigh		Brooklyn.
March 31	do	Montauk	400,000 00	Wilmington.
31	do	Patapsco	400,000 00	Brooklyn.
31	do	Catskill	400,000 00	Do.
31	do	Passaic	400,000 00	Chester, Pennsylvania.
31	do	Sangamon	400,000 00	
1861.				
Oct. 4	do	Monitor	275,000 00	Brooklyn.
1862.				
May 25	Atlantic Works	Nantucket	386,000 00	Boston.
March 25	C. W. Whitney	Keokuk	220,000 00	New York.
June 20	Donohue, Ryan & Secor	Camanche	565,000 00	Jersey City.
May 1	Harrison Loring	Nahant	393,000 00	Boston.
1	Zeno, Secor & Co	Weehawken	400,000 00	Jersey City.
July 3	Wm. H. Webb	Dunderburg	1,250,000 00	New York.
May 26	G. W. Quintard	Onondaga	625,000 00	Do.
1861.				
Dec. 27	Taunton Locomotive Works	Machinery for Sacramento	117,000 00	Taunton, Massachusetts.
1862.				
April 3	H. R. Hazlehurst & Co	Boiler for Steamer Young America	Various per lb---	Baltimore.
3	Horatio Allen, president of the Novelty Iron-Works	For armor-plating the steam-frigate Roanoke	Various per lb---	New York.
August 1	Wm. N. Hirst	Anthracite coal for navy	4 15	Deliverable at Philadelphia.

July		Lewis Buckman	-----do-----	Per ton		Deliverable at New York.
21		Samuel Carson	For raising Varuna, now sunk in the Mississippi	-----	4 37	Deliverable at Baltimore,
21		Thomas F. Wells	For raising Cumberland	-----	20,000 00	Philadelphia, or New York.
17		Oliver Edwards, president of the Atlantic Works.	The remaining sunken vessels on a salvage of forty-five.	-----	8,000 00	Norfolk yard.
Oct.	27	Miles Greenwood	Revolving tower and impregnable smoke pipe for Monadnock.	-----	130,000 00	Do.
Sept.	15	Oliver Edwards, president of the Atlantic Works.	Iron-clad steamer Tippecanoe	-----	460,000 00	Boston.
Oct.	27	M. K. Moorhead & G. F. McCleave.	Revolving towers and impregnable smoke-pipe for Agamenticus.	-----	135,000 00	Cincinnati.
Dec.	6	do	Iron armor and deck-plating for Miantonomah	-----	121,546 00	Boston.
	12	do	Iron armor and deck-plating for Tonawanda	-----	101,686 80	Pittsburg.
	9	J. B. & W. W. Cornell	Revolving iron turrets, &c., for Tonawanda	-----	141,025 00	Do.
	9	do	Revolving iron turrets, &c., for Miantonomah	-----	141,025 00	New York.
						Do.

*Schedule of materials required at the United States navy yard, Kittery, Maine,
for 1862-'63.*

TRICKEY & JEWETT, BOSTON. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 1, white oak logs.

100,000 cubic feet white oak plank stock logs \$0 58 $\frac{5}{8}$ per cubic foot.
To be delivered as required.

Class No. 2, white oak keel-pieces.

24 keel-pieces, 46 to 60 feet long, sided 16 inches,
moulded 18 inches, estimated to measure
2,544 cubic feet \$0 74 $\frac{1}{16}$ per cubic foot.
To be delivered as required.

Class No. 3, white oak promiscuous timber.

25,000 cubic feet white oak curved timber \$0 68 $\frac{5}{8}$ per cubic foot.
10,000 cubic feet white oak straight timber 26 $\frac{7}{8}$ per cubic foot.
To be delivered as required.

Class No. 4, white oak plank.

50,000 feet (board measure) white oak plank, 4
inches thick \$0 62 $\frac{1}{16}$ per M feet.
40,000 feet (board measure) white oak plank, 4 $\frac{1}{2}$
inches thick 49 $\frac{3}{4}$ per M feet.
5,000 feet (board measure) white oak plank, 5
inches thick 05 $\frac{5}{8}$ per M feet.
2,000 feet (board measure) white oak plank, 5 $\frac{1}{2}$
inches thick 05 $\frac{3}{8}$ per M feet.
To be delivered as required.

DAVID RISLEY, PHILADELPHIA. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 6, yellow pine logs.

46,000 cubic feet yellow pine plank stock logs \$0 62 $\frac{1}{2}$ per cubic foot.
To be delivered as required.

Class No. 8, yellow pine mast and spar timber.

12 pieces, 54 feet long, 18 $\frac{1}{2}$ inches square, parallel.
4 pieces, 51 feet long, 18 inches square, parallel.
4 pieces, 45 feet long, 18 inches square, parallel.
2 pieces, 55 feet long, 16 inches square, parallel.
4 pieces, 54 feet long, 16 inches square, parallel.
4 pieces, 50 feet long, 16 inches square, parallel.
4 pieces, 45 feet long, 16 inches square, parallel.
—
32 pieces, estimated to contain 3,685 cubic feet \$0 85 per cubic foot.
To be delivered as required.

TRICKEY & JEWETT, BOSTON. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 10, white pine mast timber.

2 pieces, 85 feet long, 26 inches diameter $\frac{1}{3}$ from the but	\$1 99	each.
4 pieces, 75 feet long, 24 inches diameter $\frac{1}{3}$ from the but	99	each.
To be delivered as required.		

JOHN H. BROUGHTON, PORTSMOUTH, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 11, white pine plank and boards.

56, 000 feet (board measure) white pine boards, 1 inch, No. 2	\$30 00	per M feet.
10, 000 feet 1-inch white pine boards, No. 3	15 00	per M feet.
2, 000 feet (board measure) white pine plank, No. 1, 3-inch	40 00	per M feet.
3, 000 feet (board measure) white pine plank, 3-inch, No. 2	35 00	per M feet.
20, 000 feet (board measure) white pine plank, 2-inch, No. 2	35 00	per M feet.
10, 000 feet (board measure) white pine stage plank, 3 inches thick, from 35 to 40 feet in length, from 10 to 14 inches wide, square-edged, and to be free from large knots and shakes	25 00	per M feet.

To be delivered as required.

TRICKEY & JEWETT, BOSTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 13, ash plank and boards.

3, 000 feet (board measure) 3-inch white ash plank, not less than 20 inches wide	\$0 10 $\frac{5}{16}$	per M feet.
12, 000 feet (board measure) clear white ash plank, 2 inches thick	41 $\frac{5}{8}$	per M feet.
3, 000 feet (board measure) clear white ash plank, 1 $\frac{1}{2}$ -inch	37 $\frac{1}{4}$	per M feet.
1, 000 feet 1-inch white ash boards, clear	10 00	per M feet.

To be delivered as required.

JOHN H. BROUGHTON, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 14, white ash oars.

300 best quality white ash oars, from 14 to 18 feet long, per sample, say 4,800 feet	\$0 06 $\frac{1}{4}$	per foot.
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To be delivered as required.

GEORGE T. VAUGHN, NEW HAMPSHIRE DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 15, hickory butts.

60 white-heart hickory butts, from 12 to 14 feet long \$1 99 each.

To be delivered as required.

TRICKEY & JEWETT, BOSTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 16, black walnut and cherry.

3,000 feet (board measure) black walnut boards,

1-inch..... \$49 00 per M feet.

500 feet (board measure) cherry plank, $1\frac{1}{4}$ -inch.. 45 00 per M feet.

To be delivered as required.

MESSRS. BUSH & MILLS, BOSTON. DATE OF CONTRACT OCTOBER 4, 1862.

Class No. 19, white oak staves and heading.

1,000 pieces white oak staves, in length 62 inches \$0 18 per piece.

1,000 pieces white oak staves, in length 54 inches 14 per piece.

1,000 pieces white oak staves, in length 42 inches 13 per piece.

3,000 pieces white oak staves, in length 32 inches $07\frac{1}{2}$ per piece.

1,000 pieces white oak heading, in length 32 inches 12 per piece.

To be delivered as required.

G. A. HAMMOND, ELLIOTT, MAINE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 20, black spruce.

5 pieces black spruce spars, 70 feet long..... \$48 00 each.

30 pieces black spruce spars, 60 feet long..... 15 00 each.

1,500 inches black spruce spars, from 7 to 10 inches
diameter..... 18 per inch.

To be delivered as required.

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 23, lignumvitæ.

4 tons lignumvitæ, $2\frac{1}{2}$ to 5 inches \$20 00 per ton.

4 tons lignumvitæ, 5 to 8 inches 60 00 per ton.

4 tons lignumvitæ, 8 to 12 inches 86 00 per ton.

2 tons lignumvitæ, 12 to 16 inches 41 00 per ton.

To be delivered as required.

Class No. 25, iron.

200,000 pounds round iron, from $\frac{3}{16}$ to $2\frac{1}{2}$ inch.... \$0 04 per pound.

10,000 pounds round iron, from $2\frac{5}{8}$ to 3 inch.... $04\frac{1}{2}$ per pound.

10,000 pounds round iron, from $3\frac{1}{4}$ to 6 inch.... $00\frac{1}{4}$ per pound.

6,000 pounds square iron, from $\frac{1}{2}$ to 2 inch.... 04 per pound.

10,000 pounds square iron, from $2\frac{1}{4}$ to 6 inch.... $00\frac{1}{4}$ per pound.

6,000 pounds hammered square iron, from 1 to 6 inch	\$05	per pound.
13,000 pounds hammered flat iron, from $\frac{1}{2}$ to 2 by 1 to 6 inches wide	06	per pound.
30,000 pounds flat iron, from $\frac{1}{4}$ to 1 inch thick, from $1\frac{1}{4}$ to 9 inches wide	03	per pound.
2,000 pounds flat iron, from $1\frac{1}{4}$ to 2 inches thick, from 4 to 10 inches wide.....	00 $\frac{1}{4}$	per pound.
300 pounds iron wire, assorted	06	per pound.
8,000 pounds hoop iron, from $\frac{1}{16}$ to $\frac{1}{8}$ inch thick, from $\frac{3}{4}$ to $2\frac{1}{4}$ inches wide.....	06	per pound.
3,000 pounds thimble iron, assorted.....	00 $\frac{1}{4}$	per pound.
800 pounds sheet iron, Nos. 12 to 20, R. G.....	06 $\frac{1}{2}$	per pound.
500 pounds galvanized sheet iron, Nos. 18 to 22	15	per pound.
800 pounds Russia iron, Nos. 10 to 20.....	18	per pound.
600 pounds wrought-iron clinch-rings, $\frac{1}{4}$ to $1\frac{1}{2}$ inch	15	per pound.
To be delivered as required.		

Class No. 26, steel.

300 pounds extra cast steel, from $\frac{1}{4}$ to $2\frac{1}{2}$ inches square	\$0 22	per pound.
400 pounds best cast steel, from $\frac{3}{8}$ to 3 inches....	00 $\frac{1}{2}$	per pound.
200 pounds octagon steel, extra, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches	18	per pound.
200 pounds German steel.....	00 $\frac{1}{4}$	per pound.
1,000 pounds blister steel	00 $\frac{1}{4}$	per pound.
100 pounds spring steel.....	12	per pound.
500 pounds Damascus steel, assorted	00 $\frac{1}{2}$	per pound.
500 pounds extra flat steel, from $\frac{1}{2}$ to 2 inches thick, from 1 to 4 inches wide.....	20	per pound.
To be delivered as required.		

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 27, iron spikes.

4,000 pounds hand-made wrought-iron spikes, 4 to 6 inches long.....	\$0 08	per pound.
6,000 pounds hand-made wrought-iron spikes, from $6\frac{1}{2}$ to 8 inches long.....	00 $\frac{1}{8}$	per pound.
To be delivered as required.		

Class No. 28, iron nails, wrought and cut.

5,000 pounds iron cut nails, from 3d fine to 60d....	\$0 04	per pound.
500 pounds wrought-iron pressed nails, 6d to 20d.	02	per pound.
80 pounds wrought-iron clout nails, $\frac{1}{2}$ to $1\frac{1}{2}$ inch.	01	per pound.
100 pounds iron cut finishing nails, from $\frac{1}{2}$ to 2 inch	12	per pound.
500 pounds iron cut finishing nails, from 6d to 10d	01	per pound.
10 M iron gimp tacks, from 4 to 8 ounces	01	per M.
To be delivered as required.		

JOHN H. BAILEY, PORTSMOUTH, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 30, lead.

3,000 pounds drawn lead pipe.....	\$0 00 $\frac{1}{10}$	per pound.
15,000 pounds sheet lead.....	10 $\frac{4}{10}$	per pound.

To be delivered as required.

JOHN R. ELVANS, WASHINGTON. DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 31, zinc and tin.

2,000 pounds sheet zinc.....	\$0 07	per pound.
5,000 pounds Banca tin.....	40	per pound.
2,000 pounds slab zinc.....	05	per pound.
4 boxes XXX tin, 14 by 20.....	15 00	per box.
6 boxes XX tin, 14 by 20.....	15 00	per box.
8 boxes XX tin, 14 by 14.....	15 00	per box.
3 boxes XX tin, 10 by 14.....	4 00	per box.
4 boxes X tin, 10 by 14.....	10 00	per box.
4 boxes X tin, 12 by 12.....	9 75	per box.
4 boxes DX tin, 12 $\frac{1}{2}$ by 17.....	13 50	per box.
8 boxes D common tin.....	5 00	per box.

To be delivered as required.

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 34, tools for stores, &c.

6 adzes, carpenters'.....	\$1 75	each.
2 adzes, hollow.....	2 00	each.
2 adzes, coopers'.....	1 50	each.
2 axes, coopers'.....	2 00	each.
6 axes, broad.....	1 00	each.
4 axes, wood.....	1 00	each.
24 augers, patent.....	50	each.
1 dozen awls, brad.....	50	each.
1 dozen awls, wire.....	50	each.
2 bung-borers.....	75	each.
4 braces and bits, wood, complete, (48 bits).....	4 00	per set.
2 anvils, estimated 140 pounds each.....	12	per pound
2 braces and bits, coopers', complete, (20 bits).....	1 00	per set.
1 tap-borer.....	75	each.
2 bevels, steel-tongued.....	50	each.
2 crows, coopers'.....	2 00	each.
6 compasses, carpenters'.....	25	each.
6 compasses, armorers'.....	10	each.
2 dozen chisels, firmer, assorted.....	2 00	per dozen.
1 dozen chisels, socket, assorted.....	5 00	per dozen.
6 calipers, 6 to 24 inches.....	50	each.
3 brass dividers.....	25	each.
2 diamonds, glaziers'.....	5 00	each.
4 dozen nail-gimlets, assorted.....	30	per dozen.
1 dozen spike-gimlets, assorted.....	50	per dozen.
$\frac{1}{2}$ dozen carpenters' gauges.....	1 00	per dozen.
1 dozen firmer gouges, assorted, $\frac{1}{4}$ to 2 inches.....	2 50	per dozen.

1 dozen socket-gouges, assorted, $\frac{3}{4}$ to 3 inch.....	\$2 50	per dozen.
4 hammers, rivet, handled.....	50	each.
24 hammers, claw.....	50	each.
2 hammers, wrench.....	1 00	each.
6 hatchets, cast steel.....	75	each.
3 coopers' marking-irons.....	10	each.
6 drawing-knives.....	50	each.
6 putty-knives.....	25	each.
6 moulding-planes.....	25	each.
3 turning-lathes and tools, complete, for wood and iron.....	20 00	each.
3 long-jointer planes.....	1 00	each.
3 grooving-planes, width of iron $\frac{1}{4}$ to 1 inch.....	50	each.
6 short-jointer planes.....	75	each.
6 smoothing-planes, width of iron $1\frac{3}{4}$ to 2 inches..	60	each.
3 long jointers, coopers'.....	1 00	each.
3 short jointers, coopers'.....	1 50	each.
3 beading-planes, width of iron $\frac{1}{4}$ to $\frac{3}{4}$ inch.....	25	each.
3 jackplanes.....	75	each.
3 pincers, assorted.....	50	each.
4 plyers, assorted, (cutting).....	50	each.
6 rules, 2 feet, double and single jointed.....	50	each.
6 wood-rasps, assorted.....	50	each.
4 wood-saws.....	50	each.
18 handsaws.....	75	each.
2 crosscut-saws.....	4 50	each.
2 hacksaws, with frame.....	1 00	each.
1 panel-saws.....	50	each.
2 dovetail-saws.....	50	each.
4 compass-saws, 10 to 15 inch.....	40	each.
3 sash-saws.....	40	each.
2 keyhole saws and pads, 6 to 12 inch.....	30	each.
3 tenon-saws.....	50	each.
2 saw-sets.....	1 00	each.
2 bench-screws.....	1 25	each.
6 clamp-screws.....	50	each.
3 jackscrews, $2\frac{1}{2}$ to 3 feet, equal to Ballard's....	30 00	each.
4 spokeshaves.....	50	each.
6 iron squares, 2 feet.....	50	each.
4 trying-squares.....	25	each.
50 ship-scrapers, steel blades.....	60	each.
1 tinnern's shears.....	2 50	each.
3 hand-shears.....	1 50	each.
1 edging-stake.....	1 00	each.
10 pairs scissors.....	25	each.
2 bench-vices, from 25 to 70 pounds, (solid nuts)..	15	per pound.
3 hand-vices, large size.....	75	each.
10 waffle-irons.....	25	each.
3 grindstones, 120 pounds.....	12 00	each.
3 oilstones.....	10	each.

To be delivered as required.

A. Q. WENDELL, PORTSMOUTH, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 12, 1862,

Class No. 36, white-lead.

10,000 pounds pure dry white-lead.....	\$0 08	per pound.
1,000 pounds pure white-lead, in oil, in 25 and 50 pound kegs.....	08	per pound.
To be delivered as required.		

JOHN H. BAILEY, PORTSMOUTH, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 37, zinc paints.

2,000 pounds brown zinc paint, in oil, in 25-pound kegs	\$0 10 $\frac{1}{4}$	per pound.
2,000 pounds white zinc paint, in oil.....	02	per pound.
100 pounds white zinc paint, dry.....	01	per pound.
To be delivered as required.		

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 38, colored paints, dryer.

500 pounds red-lead, dry.....	\$0 10	per pound.
500 pounds litharge, dry.....	01	per pound.
5,000 pounds whiting, dry.....	01	per pound.
500 pounds lampblack, dry.....	04	per pound.
10 pounds terra de sienna, raw.....	30	per pound.
300 pounds chrome green, dry.....	18	per pound.
500 pounds French yellow, dry.....	06	per pound.
10 pounds Indian red, dry.....	10	per pound.
300 pounds Venetian red, dry.....	02 $\frac{1}{2}$	per pound.
5 pounds Chinese vermilion, dry.....	1 00	per pound.
5 pounds ultramarine blue, dry.....	1 00	per pound.
100 pounds gum shellac.....	50	per pound.
4 pounds ivory.....	20	per pound.
4 pounds Vandyke brown.....	20	per pound.
To be delivered as required.		

GEORGE L. TREADWELL, PORTSMOUTH, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 39, linseed oil, turpentine, varnish.

1,000 gallons linseed oil, raw.....	\$1 25	per gallon.
500 gallons spirits turpentine.....	1 50	per gallon.
50 gallons Demar varnish.....	2 00	per gallon.
50 gallons bright varnish.....	50	per gallon.
10 gallons English coach varnish.....	5 00	per gallon.
50 gallons copal varnish.....	4 50	per gallon.
100 gallons benzine.....	80	per gallon.
30 gallons spirits of wine, 95 per cent. proof.....	20	per gallon.
To be delivered as required.		

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 41, glass.

10 lights, 9 by 12 inch, double thick crown glass.	\$0 20	per light.
5 lights, 10 by 12 inch, double thick crown glass.	30	per light.
140 lights, 10 by 14 inch, double thick crown glass.	31	per light.
12 lights, 10 by 16 inch, double thick crown glass.	20	per light.
60 lights, 12 by 12 inch, double thick crown glass.	20	per light.
70 lights, 12 by 14 inch, double thick crown glass.	20	per light.
40 lights, 12 by 16 inch, double thick crown glass.	25	per light.
2 lights, 14 by 18 inch, double thick crown glass.	40	per light.
2 lights, 14 by 20 inch, double thick crown glass.	60	per light.
10 lights, 16 by 24 inch, double thick crown glass.	50	per light.
15 lights, 24 by 30 inch, double thick crown glass.	1 00	per light.
24 clear, magazine lenses, 12 inches diameter, 1½ inch thick, polished.....	5 50	each.
16 deck-lights, 10 by 3 inches.....	1 00	each.
36 port-lights, 6 inches diameter.....	75	each.
24 binnacle lenses	10	each.

To be delivered as required.

Class No. 43, pitch, rosin, tar.

64 barrels pitch, each containing not less than 300 pounds.....	\$18 00	per barrel.
4 barrels No. 1 rosin, each containing not less than 300 pounds.....	20 00	per barrel.
13 barrels soft, clear turpentine, each containing not less than 280 pounds.....	1 00	per barrel.
barrels thin tar, each containing not less than 30 gallons	25 00	per barrel.

To be delivered as required.

Class No. 44, oil, tallow, soap.

20 gallons neatsfoot oil.....	\$1 00	per gallon.
5 gallons sweet oil, (olive).....	10	per gallon.
100 gallons fish oil.....	20	per gallon.
150 pounds best hard brown soap.....	12	per pound.
120 pounds best castile soap.....	12	per pound.
100 pounds pure beef tallow.....	20	per pound.

To be delivered as required

JOHN H. BAILEY, PORTSMOUTH, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class No. 46, miscellaneous dry-goods, hair-cloth, ship chandlery for construction.

10 rolls worsted binding.....	\$0 01	per roll.
50 yards white muslin, one yard wide.....	01	per yard.
40 yards cotton velvet.....	01	per yard.

25 yards hair cloth, 30 inches wide.....	\$01	per yard.
100 pounds curled hair.....	01	per pound.
30 yards black cambric.....	01	per yard.
2 gross tufts.....	10	per gross.
25 yards webbing.....	02	per yard.
12 yards satinnet.....	10	per yard.
1 pound shoe-thread.....	01	per pound.
50 pounds brass, sheet.....	40	per pound.
12 dozen pairs brass butt hinges, 4½-inch, shifting pins.....	01	per pair.
2 dozen pairs 1½-inch flap hinges, iron.....	25	per pair.
18 dozen drawer locks, 2¾-inch, iron.....	3 00	per dozen.
2 dozen flush-bolts, ⅝ inch, brass.....	3 00	per dozen.
24 pairs secretary hinges and fastenings, complete, brass, 5 by 5 inches.....	10	per pair.
1 dozen 4-inch mortise locks, white porcelain furniture, complete.....	15 00	per dozen.
1 dozen rural locks, 5-inch, brass.....	16 00	per dozen.
4 dozen mortise locks, with mineral knobs.....	25	per dozen.
All the locks to be spring and tumbler, with brass works, keys of brass to differ, except the drawer locks, which may have three kinds of keys to the dozen.		
20 pounds iron sheave rivets, ¾ to 4 inch.....	01	per pound.
75 gross brass screws, gimlet points, Nos. 4 to 26, from 1 to 4 inches long.....	2 00	per gross.
50 gross iron screws, gimlet points, Nos. 4 to 24, from 1 to 4 nches long.....	70	per gross.
10 M gimp tacks, 4 to 8 oz.....	10	per M.
200 pounds brass wire, assorted.....	40	per pound.
20 water-closet basins, China.....	10	each.

To be delivered as required.

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class A, boiler iron and rivets.

12,000 pounds boiler-plate iron, from ⅛ to ⅜ inch thick.....	\$0 07½	per pound.
100 pounds angle iron, assorted.....	05	per pound.
1,000 pounds boiler rivets, ¼ inch and over.....	08	per pound.

To be delivered as required.

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class C, lard oil.

1,000 gallons best quality lard oil for lubricating..	\$0 90	per gallon.
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To be delivered as required.

JOHN H. BAILEY, PORTSMOUTH, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 15, 1862.

Class F, miscellaneous tools for engineers.

1 anvil, (about 200 pounds).....	\$0 01	per pound.
8 chopping axes, handled.....	1 50	each.

2 small hand-axes, handled.....	\$0 50	each.
2 calipers	25	each.
2 dividers	25	each.
1 grindstone, mounted, (about 150 pounds).....	5 00	each.
1 hydraulic jack.....	70 00	each.
1 scale-beam	1 00	each.
1 sieve.	50	each.
24 scoop-shovels	1 00	each.
1 steel square.....	1 00	each.
1 iron square	50	each.
12 thermometers, (for salinometers).....	1 50	each.
2 slide-wrenches.....	1 00	each.
2 tap-wrenches.....	50	each.

To be delivered as required.

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class G, cooking utensils, stores, &c.

4 wardroom stoves, for wood or coal.....	\$12 00	each.
4 cabin stoves, for wood or coal.....	15 00	each.
12 iron teakettles	1 00	each.
6 copper teakettles	2 50	each.
10 fishkettles, complete.....	2 50	each.
15 campkettles.....	50	each.
50 fryingpans, assorted.....	50	each.
50 stewpans, assorted, from 2 to 12 quarts, say 300 quarts.....	02	per quart.
3 iron pots.....	1 00	each.
3 shovels.....	50	each.
3 tongs	50	each.

To be delivered as required.

WILLIAM BRAND, NEW YORK. DATE OF CONTRACT NOVEMBER 11, 1862.

Class H, flax canvas.

25 bolts No. 1 flax canvas.....	\$25 30	per bolt.
100 bolts No. 2 flax canvas.....	29 00	per bolt.
30 bolts No. 3 flax canvas.....	28 00	per bolt.
50 bolts No. 4 flax canvas.....	27 00	per bolt.
25 bolts No. 5 flax canvas.....	20 00	per bolt.
100 bolts No. 6 flax canvas.....	21 00	per bolt.
25 bolts No. 7 flax canvas.....	16 50	per bolt.
50 bolts No. 8 flax canvas.....	16 25	per bolt.
10 bolts light ravens duck.....	12 00	per bolt.
1,000 yards coal bagging, flax, 24 inches wide....	50	per yard.

To be delivered as required.

- No. 1. 42 pounds avoirdupois per bolt, 470 pounds crosswise, 316 pounds lengthwise, weight to be borne by strips.
- No. 2. 38 pounds avoirdupois per bolt, 420 pounds crosswise, 280 pounds lengthwise, weight to be borne by strips.
- No. 3. 35 pounds avoirdupois per bolt, 370 pounds crosswise, 250 pounds lengthwise, weight to be borne by strips.

- No. 4. 32 pounds avoirdupois per bolt, 340 pounds crosswise, 230 pounds lengthwise, weight to be borne by strips.
- No. 5. 29 pounds avoirdupois per bolt, 320 pounds crosswise, 216 pounds lengthwise, weight to be borne by strips.
- No. 6. 26 pounds avoirdupois per bolt, 300 pounds crosswise, 200 pounds lengthwise, weight to be borne by strips.
- No. 7. 23 pounds avoirdupois per bolt, 280 pounds crosswise, 193 pounds lengthwise, weight to be borne by strips.
- No. 8. 20 pounds avoirdupois per bolt, 300 pounds crosswise, 213 pounds lengthwise, weight to be borne by strips.

To be delivered as required.

FOX & POLHEMUS, NEW YORK. DATE OF CONTRACT DECEMBER 24, 1862.

Class I, cotton canvas.

10 bolts No. 2 cotton canvas.....	\$42 00	per bolt.
10 bolts No. 3 cotton canvas.....	41 00	per bolt.
50 bolts No. 4 cotton canvas.....	40 00	per bolt.
50 bolts No. 5 cotton canvas.....	38 00	per bolt.
75 bolts No. 6 cotton canvas.....	36 00	per bolt.
25 bolts No. 7 cotton canvas.....	34 00	per bolt.
25 bolts No. 8 cotton canvas.....	32 00	per bolt.
5 bolts No. 9 cotton canvas.....	30 00	per bolt.
5 bolts No. 10 cotton canvas.....	28 00	per bolt.
25 bolts cot stuff, 30 inches wide	50 00	per bolt.
10 bolts bag stuff, 42 inches wide	80 00	per bolt.
30 bolts hammock stuff, 42 inches wide	110 00	per bolt.

To be delivered as required.

G. L. TREADWELL, PORTSMOUTH, NEW HAMPSHIRE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class K, leather.

300 pounds rigging leather, sides not less than 10 pounds	\$0 45	per pound.
100 pounds pump leather, sides not less than 25 pounds	10	per pound.
100 pounds bellows leather, sides not less than 6 pounds	05	per pound.
75 pounds dressed raw hides, not less than 18 pounds each	04	per pound.

To be delivered as required.

JAMES R. PUGH, HARRISBURG, PENNSYLVANIA. DATE OF CONTRACT NOVEMBER 10, 1862.

Class L, hose.

400 feet leading hose, in 50-foot lengths	\$0 70	per foot.
50 feet suction hose, in 6-foot lengths	1 70	per foot.

To be delivered as required.

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class M, brushes.

50 clamp brushes	\$0 24	each.
200 hand scrubbing brushes	16	each.
25 tar brushes, short handles	19	each.
250 whitewash brushes	60	each.
24 painters' dusting brushes	38	each.
16 varnish brushes	45	each.
6 paint brushes, 00	10	each.
6 paint brushes, 000	60	each.
6 paint brushes, 0000	10	each.
6 paint brushes, 00000	1 00	each.
12 sash-tool brushes	14	each.
30 camels' hair brushes	03	each.
6 glue brushes	10	each.
25 flue brushes, per sample	50	each.

To be delivered as required.

H. J. COLLINS, NEW YORK. DATE OF CONTRACT NOVEMBER 8, 1862.

Class N, bunting, dry-goods.

20 pieces 18-inch red bunting	\$8 50	per piece.
15 pieces 18-inch blue bunting	8 50	per piece.
25 pieces 18-inch white bunting	8 40	per piece.
3 pieces 18-inch green bunting	5 00	per piece.
3 pieces 18-inch yellow bunting	5 00	per piece.

To be delivered as required.

WILLIAM PORTER & SONS, NEW YORK. DATE OF CONTRACT NOVEMBER 7, 1862.

Class O, lanterns.

4 bowsprit lanterns, per sample	\$19 00	each.
4 mizzentop lanterns, per sample	19 00	each.
2 wheel-house lanterns, green, per sample	17 00	each.
2 wheel-house lanterns, red, per sample	17 00	each.
6 running lanterns, green, per sample	15 00	each.
6 running lanterns, red, per sample	15 00	each.
8 storeroom lanterns, per sample	12 00	each.
20 spirit-room, fore and main hold, deck, and side lanterns, with spare bottoms and sockets for holding candle to each, per sample	2 00	each.
8 signal lanterns, white, per sample	5 00	each.
8 signal lanterns, red, per sample	6 00	each.
12 main, berth, deck, and orlop lanterns, white, per sample	6 00	each.

To be delivered as required.

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class Q, sperm oil.

2, 000 gallons winter-strained sperm oil	\$1 69½	per gallon.
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To be delivered as required.

Class R, ship-chandlery for stores and equipment.

1 balance, spring, to weigh 25 pounds.....	\$2 00 each.
1 balance, spring, to weigh 50 pounds.....	4 00 each.
3 balances, spring, to weigh 150 pounds each.....	6 00 each.
24 iron ladles, assorted	1 50 each.
6 steel coal-shovels	10 each.
6 steel shovels	1 00 each.
15 steel scoop-shovels	1 00 each.
60 pounds brass wire, assorted.....	40 per pound.
10 pounds copper wire, assorted.....	50 per pound.
25 pounds steel wire, assorted.....	20 per pound.
100 pounds white chalk.....	01 per pound.
10 pounds red chalk.....	12 per pound.
1 barrel fire-clay	2 50 per barrel.
50 bushels charcoal.....	30 per bushel.
40 pounds emery	10 per pound.
25 reams emery cloth.....	7 00 per ream.
200 pounds Babbet's metal.....	25 per pound.
1 dozen padlocks, brass.....	12 00 per dozen.
1,000 pounds hemp packing.....	20 per pound.
200 pounds cotton packing.....	30 per pound.
100 pounds soapstone.....	04 per pound.
500 pounds cotton wiping waste.....	28 per pound.

To be delivered as required.

WM. A. WHEELER, NEW YORK. DATE OF CONTRACT NOVEMBER 19, 1862.

Class S, stationery.

3 pounds refined gum arabic.....	\$0 20 per pound.
12 blank books, cap size, 1 quire, half-bound, faint-lined	25 each.
15 blank books, cap size, 2 quires, half-bound, faint-lined	35 each.
18 blank books, cap size, 3 quires, half-bound, faint-lined	50 each.
4 letter books, cap size, 3 quires, half-bound, faint-lined	40 each.
48 memorandum books, 1 quire thick, half-bound, with loops.....	10 each.
48 memorandum books, 1 quire thick, bound in leather.....	10 each.
3 requisition books, (engineers',) printed, per pattern, (4 quires).....	04 each.
10 sand-boxes, hard-wood	10 each.
15 yards tracing cloth.....	55 per yard.
12 bottles carmine ink, half pints.....	15 per bottle.
20 bottles black ink, half pints.....	12 per bottle.
20 bottles black ink, pints.....	15 per bottle.
1 bottle blue ink, quart.....	50 per bottle.
12 papers ink powder.....	06 each.
10 pieces India ink.....	08 each.
15 inkstands, assorted.....	25 each.

3 India ink saucers.....	\$0 10	each.
3 erasers, with ivory handles.....	25	each.
6 paper-folders, ivory.....	25	each.
6 ivory pounce-boxes and pounce.....	25	each.
10 gross steel pens, assorted.....	1 00	per gross.
3 dozen penholders to suit pens.....	35	per dozen.
12 dozen pencils, drawing, best black, equal to Faber's.....	40	per dozen.
3 dozen drawing pencils, equal to Ligne's.....	01	per dozen.
500 slate pencils, best white Rutland.....	30	per 100.
6 dozen camel's hair pencils.....	15	per dozen
1 dozen sable-hair pencils.....	50	per dozen.
2 reams log paper.....	6 00	per ream.
10 reams foolscap paper, regulation ruled.....	2 80	per ream.
10 reams foolscap paper, faint-lined.....	2 60	per ream.
10 reams letter paper, faint-lined.....	2 25	per ream.
2 reams note paper.....	1 50	per ream.
3 reams envelope paper.....	3 00	per ream.
1 ream blotting paper.....	3 75	per ream.
2 rolls drawing paper, 24 yards long, 54 inches wide.....	5 00	per roll.
3 sheets antiquarian paper.....	1 00	per sheet.
30 sheets drawing paper, double elephant.....	25	per sheet.
10 sheets drawing paper, elephant.....	18	per sheet.
12 sheets tracing paper, double elephant.....	40	per sheet.
12 drawing pens.....	10	each.
50 drawing pins.....	01	each.
1 portfolio.....	2 00	
200 quills, No. 80.....	6 00	per M.
10 parallel rulers, ebony, 24-inch.....	50	each.
6 rulers, ebony.....	10	each.
6 flat rulers.....	10	each.
4 pounds rubber, prepared, in ounce pieces.....	1 00	per pound.
6 pieces erasive gum.....	01	each.
15 double log slates, hard-wood frames.....	75	each.
12 single slates, hard-wood frames.....	10	each.
6 porcelain slates, 8 by 10 inches.....	50	each.
6 dozen papers black sand, half pints.....	02	per paper.
12 Gunter's scales.....	25	each.
100 pieces red tape.....	02	per piece.
50 pieces silk taste.....	12	per piece.
12 wafer seals, ivory.....	08	each.
1 pound wafers, American.....	50	per pound.
4 pounds sealingwax.....	50	per pound.
2, 000 self-sealing envelopes, assorted sizes and colors.	4 00	per M.

To be delivered as required.

G. A. HAMMOND, ELLIOTT, MAINE. DATE OF CONTRACT NOVEMBER 12, 1862.

Class T, firewood.

75 cords oak wood.....	\$6 44	per cord.
10 cords pine wood.....	5 00	per cord.
15 cords hickory wood.....	9 00	per cord.

*Schedule of materials required at the United States navy yard, Charlestown
Massachusetts, for 1862-'63.*

TRICKEY & JEWETT, BOSTON. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 1, white oak logs.

75, 000 cubic feet white oak plank stock logs..... \$0 48½ per cubic foot.
To be delivered as required.

Class No. 2, white oak keel-pieces.

24 white oak keel-pieces, sided 18 inches and moulded
20 inches, from 40 feet to 60 feet in length,
estimated to contain 3,720 cubic feet..... \$0 73 per cubic foot.
To be delivered as required.

Class No. 3, white oak promiscuous timber.

20, 000 feet white oak curved timber..... \$0 59½ per cubic foot.
To be delivered as required.

Class No. 4, white oak plank.

50, 000 feet, board measure, 5-inch white oak plank.. \$67 50 per M feet.
50, 000 feet, board measure, 4½-inch white oak plank 47 50 per M feet.
50, 000 feet, board measure, 4-inch white oak plank.. 47 50 per M feet.
To be delivered as required.

Class No. 11, white pine logs, plank, and boards.

1, 500 cubic feet white pine logs..... \$20 25 per cubic foot.
20, 000 feet, board measure, white pine plank, No. 2,
from 4 to 6 inches..... 34 50 per M feet.
30, 000 feet, board measure, No. 2, white pine plank,
from 1¼ to 4 inches..... 36 62½ per M feet.
75, 000 feet, board measure, No. 2, 1-inch white pine
boards..... 32 37½ per M feet.
To be delivered as required.

Class No. 13, ash logs and plank.

20, 000 feet, board measure, clear white ash boards,
1 inch and under..... \$25 00 per M feet.
15, 000 feet, board measure, clear white ash plank, 1½
to 2 inches..... 40 00 per M feet.
10, 000 feet, board measure, clear white ash plank, 2½
to 5 inches..... 40 00 per M feet.
1, 500 cubic feet round ash logs, 14 feet long, 14
inches diameter at top end..... 11 per cubic foot.
To be delivered as required.

Class No. 16, black walnut, mahogany, and cherry.

10,000 feet, board measure, black walnut, from 1 to 4 inches thick.....	\$50 00	per M feet.
10,000 feet, board measure, Saint Domingo mahogany plank, 1 to 3½ inches thick.....	10 00	per foot.
10,000 feet, board measure, cherry, from 1 to 4 inches thick.....	50 00	per M feet.

To be delivered as required.

OAKMAN & ELDRIDGE, BOSTON. DATE OF CONTRACT NOVEMBER 14, 1862.

Class No. 18, locust.

2,000 cubic feet yellow locust.....	\$0 84	per cubic foot.
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To be delivered as required.

SMITH BROTHERS & Co., BOSTON. DATE OF CONTRACT NOVEMBER 8, 1862.

Class No. 19, white oak staves and heading.

1,000 pieces white oak staves, in length 56 inches..	\$0 18	per piece.
500 pieces white oak staves, in length 44 inches..	12½	per piece.
500 pieces white oak staves, in length 34 inches..	12¼	per piece.
500 pieces white oak heading, in length 32 inches	12½	per piece.
500 pieces prime white ash barrel staves.....	12½	per piece.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 33, lignumvitæ.

20 tons lignumvitæ, 4 to 16 inches.....	\$58 50	per ton.
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To be delivered as required.

SMITH BROTHERS & Co., BOSTON. DATE OF CONTRACT NOVEMBER 8, 1862.

Class No. 25, iron.

200,000 pounds round iron, from $\frac{3}{16}$ to 2½ inch....	\$0 04½	per pound.
60,000 pounds round iron, from $2\frac{5}{8}$ to 3 inch....	00¼	per pound.
30,000 pounds round iron, from 3¼ to 7 inch....	08	per pound.
50,000 pounds square iron, from ½ to 2 inch....	00¼	per pound.
40,000 pounds square iron, from 2¼ to 5½ inch....	00¼	per pound.
40,000 pounds hammered square iron, from 1 to 6 inch.....	00¼	per pound.
75,000 pounds flat iron, from ¼ to 1 inch thick, from 1¼ to 9 inches wide.....	07	per pound.
20,000 pounds flat iron, from 1¼ to 2 inches thick, from 4 to 10 inches wide.....	00¼	per pound.
5,000 pounds hoop iron, from $\frac{1}{16}$ to $\frac{1}{8}$ inch thick, from ¾ to 2¼ inches wide.....	08	per pound.
2,000 pounds thimble iron, from $\frac{3}{16}$ to $\frac{5}{16}$ inch thick, from ½ inch to 3½ inches wide.....	06	per pound.
1,000 pounds sheet iron, Nos. 15 to 25.....	11	per pound.

500 pounds Russia sheet iron, Nos. 10 to 24...	\$0 25	per pound.
5,000 pounds spike rods, $\frac{1}{4}$ to $\frac{1}{2}$ inch.....	05	per pound.
1,000 pounds Russia nail rods	10	per pound.
To be delivered as required.		

Class No. 26, steel.

600 pounds cast steel, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches, square	\$0 14	per pound.
600 pounds cast steel, from $\frac{1}{2}$ to $3\frac{1}{2}$ inches, round	18	per pound.
100 pounds shear steel, $\frac{1}{2}$ by 24 inches, flat....	00 $\frac{1}{2}$	per pound.
500 pounds blister steel, large size.....	00 $\frac{1}{2}$	per pound.
To be delivered as required.		

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 27, iron spikes.

10,000 pounds wrought-iron spikes, from 3 to 7 inches long.....	\$ 07	per pound.
10,000 pounds wrought-iron spikes, from $7\frac{1}{2}$ to 10 inches long	00 $\frac{1}{8}$	per pound.
To be delivered as required.		

SMITH BROTHERS & Co., BOSTON. DATE OF CONTRACT NOVEMBER 8, 1862.

Class No. 28, iron nails, wrought and cut.

1,000 pounds wrought-iron nails, from 6d to 20d	\$0 00 $\frac{1}{2}$	per pound.
1,000 pounds wrought-iron boat nails, $1\frac{1}{2}$ to $3\frac{1}{2}$ inches	00 $\frac{1}{2}$	per pound.
500 pounds wrought-iron clout nails, from $\frac{1}{2}$ to $1\frac{1}{2}$ inch	11	per pound.
5,000 pounds iron cut nails, from 4d to 40d.....	05	per pound.
1,000 pounds iron cut sheathing nails, 3 inches....	01	per pound.
500 pounds finishing nails, from 1 to 2 inches...	10	per pound.
200 pounds cut brad-head nails, from 4d to 10d..	07	per pound.
To be delivered as required.		

Class No. 30, lead.

5,000 pounds pig lead	\$0 00 $\frac{1}{4}$	per pound.
10,000 pounds drawn lead pipe, from $\frac{1}{2}$ to $4\frac{1}{2}$ inches diameter.....	05	per pound.
15,000 pounds sheet lead, from 3 to 20 pounds to the foot.....	15	per pound.
To be delivered as required.		

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 31, zinc and tin.

10,000	pounds sheet zinc	\$0 12	per pound.
10,000	pounds pig zinc	02	per pound.
5,000	pounds Banca tin	40	per pound.
100	pounds braziers' solder	25	per pound.
30	boxes tin plate X.XXD	18 00	per box.
10	boxes tin plate IXXS.D	1 00	per box.
20	boxes tin plate 10 by 14 inches, IX	14 50	per box.

To be delivered as required.

SMITH BROTHERS & Co., BOSTON. DATE OF CONTRACT NOVEMBER 8, 1862.

Class No. 33, hardware.

100	pounds burrs, copper, assorted	\$0 01	per pound.
4	dozen buttons, plate brass	1 00	per dozen.
4	dozen bolts, flush, brass, 6 by 1½ inch	05	per dozen.
4	dozen bolts, neck, brass, 6 inches	05	per dozen.
250	pounds brass, sheet, assorted	60	per pound.
12	sets brass fixed-wheel casters	01	per set.
6	dozen escutcheons, plate, brass, assorted	01	per dozen.
6	dozen escutcheons, thread, brass, assorted	01	per dozen.
12	pounds escutcheon pins, brass, assorted	01	per pound.
12	dozen door locks, brass, mortise, from No. 1 to 10	1 00	per dozen.
24	pairs brass butt hinges, 4½-inch, shifting pins	75	per pair.
24	pairs brass butt hinges, 3½-inch, shifting pins	75	per pair.
24	pairs brass butt hinges, 4½ by 4½ inches, shifting pins	10	per pair.
24	pairs brass butt hinges, 3-inch, stationary pins ..	1 00	per pair.
24	pairs brass butt hinges, 2½-inch, stationary pins ..	75	per pair.
24	pairs brass butt hinges, 2-inch, stationary pins ..	40	per pair.
24	pairs secretary hinges and fastenings, complete, brass, 5 by 5 inch	03	per pair.
24	pairs table hinges, brass, 2½-inch	02	per pair.
24	pairs iron butt hinges, 2 by 1½ to 4 by 4 inches ..	10	per pair.
6	dozen cabin-door hooks, brass, 6-inch	50	per dozen.
6	dozen iron side hooks and eyes, 2½-inch	01	per dozen.
4	dozen blank drawer lock keys	1 25	per dozen.
4	dozen blank padlock keys	1 50	per dozen.
4	dozen iron padlocks	4 00	per dozen.
4	dozen brass padlocks	9 00	per dozen.
4	dozen brass deadlocks, 5-inch	05	per dozen.
4	dozen mortise locks, No. 9, with mineral knobs and trimmings	06	per dozen.
6	dozen mortise locks, No. 9, with glass octagon knobs and silver-plated trimmings, complete ..	18 00	per dozen.
6	dozen drawer locks, 2½-inch	5 00	per dozen.
6	dozen cupboard locks, 3½-inch, right and left	3 00	per dozen.
6	dozen bookcase locks, 2 by 3 inches	50	per dozen.
6	dozen iron chest locks, 3½-inch	2 00	per dozen.
6	dozen iron closet locks, 2½ and 4 inch, right and left	10	per dozen.

10 dozen pantry hooks, brass	\$0 40 per dozen.
4 dozen brass knobs and spindles	01 per dozen.

All the locks to be spring and tumbler, with brass works, keys of brass to differ, except the drawer locks, which may have three kinds of keys to the dozen.

50 pounds coppersmiths' copper rivets	05 per pound.
50 pounds copper hose rivets	01 per pound.
100 pounds copper boat rivets	01 per pound.
100 pounds copper boiler rivets	01 per pound.
300 pounds iron sheave rivets, $\frac{3}{4}$ to $3\frac{3}{4}$ inch	01 per pound.
500 pounds coopers' iron rivets	01 per pound.
50 gross brass screws, gimlet points, Nos. 4 to 26 . .	4 50 per gross.
50 gross iron screws, gimlet points, Nos. 3 to 24 . . .	50 per gross.
30,000 copper cut tacks	70 per M.
10,000 iron gimp tacks	01 per M.
10,000 iron cut tacks	15 per M.
24 table-fasteners, $2\frac{1}{2}$ by $2\frac{1}{2}$ inches	01 each.
200 pounds bench-vices, $3\frac{1}{2}$ to $5\frac{1}{2}$ inch jaws	01 per pound.
500 pounds brass wire, assorted	01 per pound.
2,000 pounds copper wire, assorted	60 per pound.
200 pounds iron wire, assorted	02 per pound.
50 water-closet basins, China	1 02 each.
25 gross copper-washed screws	01 per gross.
200 pounds wood screw-bolts, assorted, 3 to 4 inch . .	02 per pound.

To be delivered as required.

Class No. 34, tools for stores, &c.

12 adzes, carpenters', handled	\$1 50 each.
12 adzes, hollow, handled	20 each.
12 adzes, coopers', handled	50 each.
12 axes, broad, handled	1 50 each.
12 axes, coopers', handled	50 each.
12 axes, wood, handled	2 00 each.
12 axes, pick, with hoe combined, handled	05 each.
10 dozen awls, brad, handled	20 per dozen.
10 dozen awls, wire, handled	20 per dozen.
10 dozen awls, shoemakers', handled	20 per dozen.
12 anvils, estimated at 140 pounds each; say 280 pounds	08 per pound.
12 braces and bits, complete, (48 bits)	1 00 per set.
12 bevels, steel-tongued	50 each.
12 balances, spring, to weigh 25 pounds each	50 each.
12 balances, spring, to weigh 50 pounds each	50 each.
12 crows, coopers'	1 00 each.
3 dozen compasses, carpenters'	1 50 per dozen.
3 dozen compasses, armorers'	4 00 per dozen.
3 dozen chisels, firmer, assorted, handled	6 50 per dozen.
3 dozen chisels, socket, assorted, handled	8 00 per dozen.
12 set couplings and boxes, complete, for hand-pumps . .	25 per set.
12 sets dies, letters, and figures, $\frac{3}{8}$ -inch	6 00 per set.
12 diamonds, glaziers'	4 00 each.
12 sets drills, with box and bow	50 per set.
6 filters, with cock and coupling, complete	2 00 each.

6 dozen nail gimlets, assorted.....	\$1 00	per dozen.
6 dozen spike gimlets, assorted.....	1 00	per dozen.
2 dozen carpenters' gauges.....	3 00	per dozen.
4 dozen firmer gouges, handled, assorted.....	3 00	per dozen.
4 dozen socket gouges, handled, assorted.....	6 00	per dozen.
12 hammers, tinnors', handled.....	25	each.
12 hammers, saddlers', handled.....	10	each.
12 hammers, coopers', handled.....	25	each.
12 hammers, rivet, handled.....	75	each.
12 hammers, hand, handled.....	75	each.
12 hammers, claw, handled.....	1 00	each.
12 hatchets, cast steel, handled.....	1 00	each.
12 drawing-knives.....	75	each.
12 pitch kettles, 20 inches diameter at top.....	1 00	each.
12 gluekettles.....	2 50	each.
12 ironladles.....	1 00	each.
6 sets castings and tools for turning lathe, complete, for wood and iron.....	15 00	each.
12 moulding-planes.....	10	each.
12 grooving-planes, width of iron $\frac{1}{4}$ to 1 inch.....	10	each.
12 smoothing-planes, width of iron $1\frac{3}{4}$ to 2 inches....	75	each.
12 carpenters' short jointer planes.....	75	each.
12 beading-planes, width of iron $\frac{1}{4}$ to $\frac{3}{4}$ inch.....	20	each.
12 jackplanes.....	75	each.
24 pincers, assorted.....	10	each.
24 plyers, cutting, and assorted.....	10	each.
24 rules, 2 feet, double and single jointed.....	10	each.
50 wood-rasps, assorted.....	05	each.
24 wood-saws.....	2 00	each.
24 handsaws.....	2 00	each.
12 hacksaws, with frame.....	10	each.
6 hacksaw blades.....	05	each.
12 dovetail-saws.....	05	each.
12 compass-saws, 10 and 15 inch.....	05	each.
12 keyhole-saws and pads, 6 and 12 inch.....	05	each.
12 tenon-saws.....	1 25	each.
12 saw-sets.....	04	each.
2 scales, beam, to weigh 1,000 pounds.....	4 00	each.
12 bench and clamp screws.....	20	each.
12 jackscrews, $2\frac{1}{2}$ feet, equal to Ballard's.....	15 00	each.
12 spokeshaves.....	10	each.
12 iron squares, 2 feet.....	30	each.
12 steel squares, 2 feet.....	50	each.
450 ship-scrapers, steel blades, handled.....	25	each.
12 tinnors' bench-shears.....	3 00	each.
12 tinnors' hand-shears.....	1 00	each.
10 edging-stakes.....	2 00	each.
10 planishing-stakes.....	2 00	each.
12 screwdrivers, assorted.....	10	each.
12 pairs scissors.....	10	each.
12 hand-vices.....	10	each.

To be delivered as required.

BANKER & CARPENTER, BOSTON. DATE OF CONTRACT NOVEMBER 8, 1862

Class No. 36, white-lead.

20,000 pounds pure dry white lead.....	\$0 08	per pound.
1,000 pounds whiting, dry.....	00 $\frac{1}{8}$	per pound.
50 pounds gum shellac.....	00 $\frac{1}{8}$	per pound.
300 pounds New Zealand gum copal.....	00 $\frac{1}{8}$	per pound.
To be delivered as required.		

Class No 37, zinc paints.

100 pounds brown zinc paint, in oil, in 25-pound kegs.....	\$0 00 $\frac{1}{8}$	per pound.
1,000 pounds white zinc paint, in oil.....	08	per pound.
400 pounds white zinc paint, dry.....	00 $\frac{1}{8}$	per pound.
To be delivered as required.		

Class No. 38, colored paints, dryer.

5,000 pounds red-lead, dry.....	\$0 08	per pound.
600 pounds litharge, dry.....	00 $\frac{1}{4}$	per pound.
600 pounds French yellow ochre, dry.....	02 $\frac{3}{4}$	per pound.
50 pounds Turkey umber, dry.....	10	per pound.
20 pounds terra de sienna.....	10	per pound.
50 pounds chrome yellow, dry.....	20	per pound.
50 pounds chrome green, dry.....	25	per pound.
10 pounds Indian red, dry.....	00 $\frac{1}{2}$	per pound.
500 pounds Venetian red, dry, English.....	01 $\frac{5}{8}$	per pound.
10 pounds Chinese vermilion, dry.....	2 00	per pound.
10 pounds Chinese blue, dry.....	00 $\frac{1}{2}$	per pound.
10 pounds ultramarine blue, dry.....	01	per pound.
50 pounds brown manganese.....	22	per pound.
10 pounds ivory black.....	01	per pound.
10 pounds Vandyke brown.....	01	per pound.
To be delivered as required.		

Class No. 39, linseed oil, turpentine, and varnish.

3,000 gallons linseed oil, raw.....	\$0 83	per gallon.
600 gallons spirits of turpentine.....	2 60	per gallon.
25 gallons copal varnish.....	5 00	per gallon.
60 gallons spirits of wine, 95 per cent. proof....	1 00	per gallon.
20 gallons coach varnish.....	6 00	per gallon.
20 gallons Japan varnish.....	2 00	per gallon.
25 gallons harness varnish.....	1 00	per gallon.
60 gallons white Demar varnish.....	5 00	per gallon.

10 gallons bright varnish	\$1 00	per gallon.
1, 000 gallons Emery's naval varnish	20	per gallon.
To be delivered as required.		

S. M. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 41, glass.

5, 000 feet double crown glass, sizes as may be re- quired	\$0 29 $\frac{3}{4}$	per foot.
50 clear polished magazine lenses, 14 inches di- ameter, 1 $\frac{1}{2}$ inch thick	9 60	each.
50 clear polished magazine lenses, 10 inches di- ameter, 1 $\frac{1}{2}$ inch thick	5 50	each.
To be delivered as required.		

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 43, pitch and rosin.

50 barrels pitch, each containing not less than 300 pounds	\$20 00	per barrel.
20 barrels No. 1 rosin, each containing not less than 300 pounds	22 00	per barrel.
20 barrels soft clear turpentine, each containing not less than 280 pounds	1 00	per barrel.
20 barrels coal tar, each containing not less than 30 gallons	5 00	per barrel.
420 gallons tar oil	80	per gallon.
To be delivered as required.		

Class No. 44, fish oil, tallow, and soap.

1, 500 gallons fish oil	\$0 30	per gallon.
1, 500 pounds best hard brown soap	12	per pound.
500 pounds old castile soap	15	per pound.
5, 000 pounds pure beef tallow	20	per pound.
To be delivered as required.		

BENJAMIN Y. PIPPEY, CHARLESTOWN. DATE OF CONTRACT NOVEMBER 17,
1862.

Class No. 46, miscellaneous dry goods.

50 yards hair cloth, 30 inches wide	\$0 20	per yard.
25 yards hair cloth, 24 inches wide	10	per yard.
50 yards linen tape	3	per yard.
15 pounds white linen thread	1 25	per pound.
15 pounds black linen thread	1 25	per pound.
500 pounds white curled hair	40	per pound.
6 gross black tufts	8 $\frac{1}{3}$	per gross.

6 pieces gimp	\$0 50	per piece.
6 gross lasting buttons	25	per gross.
100 yards enamelled cloth.....	50	per yard.
To be delivered as required.		

SMITH BROTHERS & Co., BOSTON. DATE OF CONTRACT NOVEMBER 8, 1862.

Class A, boiler iron and rivets.

20,000 pounds boiler iron, (plate,) from $\frac{3}{16}$ to $\frac{3}{8}$ inch thick	\$0 08	per pound.
10,000 pounds boiler plate iron, from $\frac{7}{16}$ to $\frac{1}{2}$ inch thick	04	per pound.
1,000 pounds puddle plate iron, from 6 to 10 wire gauge	00 $\frac{1}{2}$	per pound.
1,000 pounds boiler rivets, $\frac{1}{2}$ to $\frac{3}{4}$ inch	07	per pound.
5,000 pounds sheet iron, Nos. 12 to 20.....	06	per pound.
To be delivered as required.		

Class B, pig iron.

50 tons No. 1 best cold-blast American pig iron, 2,240 pounds to the ton	\$33 00	per ton.
50 tons No. 2 American pig iron, 2,240 pounds to the ton	18 00	per ton.
To be delivered as required.		

MULLETT & BRADBURY, CHARLESTOWN. DATE OF CONTRACT NOVEMBER 18, 1862.

Class C, lard oil.

400 gallons best quality lard oil, for lubricating	\$0 80	per gallon.
50 gallons neatsfoot oil.....	75	per gallon.
25 gallons sweet oil	75	per gallon.
To be delivered as required.		

B. Y. PIPEY, CHARLESTOWN. DATE OF CONTRACT NOVEMBER 17, 1862.

Class D, boiler felting.

1,000 square yards boiler felting, as per sample....	\$0 98	per square yard.
To be delivered as required.		

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class E, gum packing.

1,000 pounds gum packing	\$0 85	per pound.
1,000 pounds rubber gaskets, per patterns.....	45	per pound.
To be delivered as required.		

SMITH BROTHERS & Co., BOSTON. DATE OF CONTRACT NOVEMBER 8, 1862.

Class F, tools for engineers. Miscellaneous.

50 steel coal-shovels	\$1 25	each.
50 steel shovels	10	each.
10 screw plates and taps, small size	1 00	each.
10 screw plates and taps, large size	4 00	each.
25 screw wrenches	50	each.
1, 000 pounds pressed iron nuts	02	per pound.
200 pounds cotton packing	40	per pound.
200 pounds emery, assorted	01	per pound.
20 reams emery cloth	15 00	per ream.
20 hydrometers	1 50	each.
300 pounds mercury, in flasks	75	per pound.
25 thermometers	1 00	each.
25 thermometers for salinometers	1 00	each.

To be delivered as required.

Class G, cooking utensils and stoves.

24 gridirons	\$1 00	each.
24 griddles	1 00	each.
24 iron teakettles	1 00	each.
24 fishkettles	1 00	each.
24 campkettles	50	each.
48 fryingpans, assorted sizes	1 00	each.
72 stewpans	50	each.
24 iron pots	1 00	each.
12 stoves for cabin use	12 00	each.
12 cooking stoves, complete	4 00	each.

To be delivered as required.

WM. BRAND, NEW YORK.

Class H, flax canvas.

100 bolts No. 1 flax canvas	\$25 30	per bolt.
100 bolts No. 2 flax canvas	35 50	per bolt.
150 bolts No. 3 flax canvas	30 50	per bolt.
150 bolts No. 4 flax canvas	32 50	per bolt.
200 bolts No. 5 flax canvas	20 50	per bolt.
200 bolts No. 6 flax canvas	26 50	per bolt.
150 bolts No. 7 flax canvas	12 00	per bolt.
150 bolts No. 8 flax canvas	14 00	per bolt.
50 bolts light ravens duck	12 00	per bolt.
2, 000 pounds flax sewing twine, 2 and 3 thread ...	50	per pound.
No. 1. 42 pounds avoirdupois per bolt, 470 pounds crosswise, 316 pounds lengthwise, weight to be borne by strips.		
No. 2. 38 pounds avoirdupois per bolt, 420 pounds crosswise, 280 pounds lengthwise, weight to be borne by strips.		
No. 3. 35 pounds avoirdupois per bolt, 370 pounds crosswise, 250 pounds lengthwise, weight to be borne by strips.		

- No. 4. 32 pounds avoirdupois per bolt, 340 pounds crosswise, 230 pounds lengthwise, weight to be borne by strips.
- No. 5. 29 pounds avoirdupois per bolt, 320 pounds crosswise, 216 pounds lengthwise, weight to be borne by strips.
- No. 6. 26 pounds avoirdupois per bolt, 300 pounds crosswise, 200 pounds lengthwise, weight to be borne by strips.
- No. 7. 23 pounds avoirdupois per bolt, 280 pounds crosswise, 193 pounds lengthwise, weight to be borne by strips.
- No. 8. 20 pounds avoirdupois per bolt, 300 pounds crosswise, 213 pounds lengthwise, weight to be borne by strips.

To be delivered as required.

FOX & POLHEMUS, NEW YORK. DATE OF CONTRACT DECEMBER 24, 1862.

Class I, cotton canvas.

100 bolts No. 2 cotton canvas	\$42 00	per bolt.
100 bolts No. 3 cotton canvas	41 00	per bolt.
250 bolts No. 4 cotton canvas	40 00	per bolt.
250 bolts No. 5 cotton canvas	39 00	per bolt.
200 bolts No. 6 cotton canvas	36 00	per bolt.
150 bolts No. 7 cotton canvas	34 00	per bolt.
150 bolts No. 8 cotton canvas	32 00	per bolt.
100 bolts No. 9 cotton canvas	30 00	per bolt.
100 bolts No. 10 cotton canvas	28 00	per bolt.
50 bolts cot stuff, 42 inches wide	50 00	per bolt.
500 bolts hammock stuff, 42 inches wide	105 00	per bolt.
300 bolts bag stuff, 42 inches wide	80 00	per bolt.
200 bolts No. 6 cot canvas, for coal-bags, 24 inches wide	40 00	per bolt.

To be delivered as required.

N. R. LEMAN, CHARLESTOWN. DATE OF CONTRACT NOVEMBER 20, 1862.

Class K, leather.

2,000 pounds rigging leather, sides not less than 10 pounds	\$0 30	per pound.
1,000 pounds pump leather, sides not less than 30 pounds	12	per pound.
500 pounds bellows leather, sides not less than 6 pounds	33	per pound.
100 pounds oil-tanned leather, sides not less than 30 pounds	15	per pound.
20 skins buff leather	1 00	per skin.
300 pounds dressed raw hides, not less than 18 pounds each	12	per pound.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class L, hose.

500 feet leading hose, in 25 feet lengths	\$0 90	per foot.
96 feet suction hose, in 6-foot lengths	50	per foot.
500 feet rubber hose, from 1½ to 2½ inches diameter	60	per foot.

To be delivered as required.

Class M, brushes.

24 clamp brushes.....	\$0 25	each.
100 hand scrubbing brushes.....	20	each.
100 tar brushes, short handles.....	16	each.
100 whitewash brushes.....	60	each.
36 hand dusting brushes.....	30	each.
72 painters' dusting brushes.....	30	each.
50 varnish brushes.....	40	each.
50 paint brushes, 00.....	10	each.
36 paint brushes, 000 ..	60	each.
60 paint brushes, 0000.....	10	each.
50 paint brushes, 00000 ..	10	each.
60 paint brushes, 000000 ..	1 00	each.
48 sash tool brushes.....	24	each.
36 glue brushes.....	01	each.
100 flue brushes, per sample.....	01	each.
10 pounds bristles.....	01	per pound.
24 tar brushes, long-handled, 8 knots.....	30	each.
75 steel wire flue brushes, assorted, equal to F. McLaughlin's.....	90	each.

To be delivered as required.

B. Y. PIPPEY, CHARLESTOWN. DATE OF CONTRACT NOVEMBER 17, 1862.

Class N, bunting and dry goods.

20 pieces 18-inch red bunting.....	\$12 00	per piece.
15 pieces 13-inch red bunting.....	2 00	per piece.
20 pieces 9-inch red bunting.....	1 50	per piece.
10 pieces 4½-inch red bunting.....	1 00	per piece.
15 pieces 18-inch blue bunting.....	11 00	per piece.
15 pieces 12-inch blue bunting.....	2 00	per piece.
20 pieces 9-inch blue bunting.....	2 00	per piece.
10 pieces 4½-inch blue bunting.....	1 00	per piece.
20 pieces 18-inch white bunting.....	12 00	per piece.
15 pieces 13-inch white bunting.....	1 00	per piece.
20 pieces 9-inch white bunting.....	1 00	per piece.
10 pieces 4½-inch white bunting.....	1 00	per piece.
20 pieces 18-inch green bunting.....	3 00	per piece.
20 pieces 18-inch yellow bunting.....	3 00	per piece.
200 yards white muslin, 7/8 yard white.....	10	per yard.
75 spools cotton, assorted.....	12	per spool.
4,000 yards gunny cloth.....	12	per yard.
100 yards Barnsley sheeting.....	30	per yard.
100 yards green baize.....	80	per yard.
80 yards fearnought.....	80	per yard.
80 yards satinnet.....	20	per yard.
25 yards broadcloth.....	1 00	per yard.
20 papers sewing needles.....	10	per paper.
8 rolls webbing.....	25	per roll.
8 balls twine.....	25	per ball.

To be delivered as required.

WILLIAM PORTER & SONS, NEW YORK. DATE OF CONTRACT NOVEMBER 7, 1862.

Class O, lanterns.

72 brass hand-lamps.....	\$0 30	each.
48 lamp-screws, with double tubes.....	01	each.
24 filling-screws, lamps	01	each.
12 solar lamps, per sample.....	10 00	each.
12 bowsprit and mast lanterns, as per pattern....	18 00	each.
24 running lanterns, red and green reflectors, as per sample,.....	15 00	each.
48 deck-lantern as per sample.....	6 00	each.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class P, tar for ropewalk.

3,000 barrels thin tar, each containing not less than 30 gallons.....	\$19 40	per barrel.
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To be delivered as required.

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class Q, sperm oil.

2,500 gallons winter-strained sperm oil.....	\$1 65	per gallon.
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To be delivered as required.

SMITH BROTHERS & Co., BOSTON. DATE OF CONTRACT NOVEMBER 8, 1862.

Class R, ship-chandlery for stores and equipments.

1 carboy muriatic acid, say 100 pounds.....	\$0 00½	per pound.
1 carboy sulphuric acid, say 100 pounds.....	01	per pound.
30 pounds antimony.....	01	per pound.
500 pounds beeswax.....	40	per pound.
500 hickory brooms.....	25	each.
600 "Towers's" house-brooms, corn.....	30	each.
100 pounds refined borax.....	20	per pound.
200 pounds white chalk.....	06	per pound.
10 pounds red chalk.....	10	per pound.
20 silver calls.....	3 00	each.
100 bushels hard-wood charcoal.....	20	per bushel.
100 lamp-chimneys.....	20	each.
20 pounds copperas.....	01	per pound.
20 pounds spun cotton.....	50	per pound.
1 ream crocus martis cloth.....	5 00	per ream.
20 skeins large catgut.....	60	per skein.
30 pounds caneseating.....	10	per pound.
10 water-closet cocks.....	1 25	each.
10 bundles coopers' flags.....	25	per bundle.
10 grindstones, 120 pounds, mounted.....	3 00	each.
100 pounds best white glue.....	10	per pound.
200 fish-hooks, cod and assorted.....	08	per 100.

700 inches mast-hoops, hickory	\$0 03	per inch.
20 chalk-lines, 80 to 100 feet each	30	each.
50 fishing-lines, 240 feet each	1 00	each.
10 measuring-lines, metallic, 100 feet each	50	each.
10 gross lamp-wicks, woven	1 00	per gross.
10 gross lamp-wicks, woven, circular	40	per gross.
100 pounds lamp-wick yarn	30	per pound.
20 barrels lime, of 200 pounds each	50	per barrel.
20 jars of chloride of lime, in 20-pound jars	50	each.
50 pounds pulverized black-lead	10	per pound.
100 pounds sheet mica	10	per pound.
200 sail-needles	12 00	per 100.
200 seaming-needles	9 00	per 100.
100 roping-needles	6 00	per 100.
12 oil stones, say, 10 pounds	40	per pound.
12 paint stones and muller	3 00	each.
100 life-preservers	1 00	each.
50 pounds potash	12	per pound.
50 mounted palms, sewing	1 00	each.
50 mounted palms, roping	1 00	each.
10 sets pokers, shovels, and tongs	1 50	per set.
1 ream heavy wrapping-paper	2 50	per ream.
10 reams sandpaper, assorted	5 00	per ream.
1 ream glass paper	3 00	per ream.
25 pounds sal ammonia	10	per pound.
25 pounds soda ash	20	per pound.
50 pounds rotten-stone, in lumps	08	per pound.
10 seines, of tanned flax, 40 fathoms, with bag and sinker, complete	20 00	each.
10 pounds thrums	1 50	each.
10 sets turning-tools, for wood	3 00	per set.
100 pounds yarn packing	50	per pound.
50 pounds flour of sulphur	10	per pound.
10 pounds soapstone, pulverized	10	per pound.

To be delivered as required.

OAKMAN & ELDRIDGE, BOSTON. DATE OF CONTRACT NOVEMBER 14, 1862.

Class T, firewood.

100 cords oak wood	\$6 75	per cord.
75 cords pine wood	4 50	per cord.
2 cords hickory wood	8 00	per cord.

To be delivered as required.

N. R. LEMAN, CHARLESTOWN. DATE OF CONTRACT NOVEMBER 20, 1862.

Class U, oxhides for rope.

100,000 slaughter-house oxhides, of largest size, to manufacture into rope, the hides to be of even thickness, flesh, hair, tail, head, neck, horns, and hoofs removed	\$0 12	per pound.
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To be delivered as required.

Schedule of materials required at the United States navy yard, Brooklyn, New York, for 1862-'63.

CHAS. J. DE GRAW, FULTON, NEW YORK. DATE OF CONTRACT NOVEMBER 13, 1862.

Class No. 1, white oak logs.

50,000 cubic feet white oak plank stock logs..... \$0 43 per cubic foot.

To be delivered as required.

JAMES BIGLER, NEWBURG, NEW YORK. DATE OF CONTRACT NOVEMBER 25, 1862.

Class No. 2, white oak keel-pieces.

12 keel-pieces, 46 to 52 feet long, sided 17 inches,
moulded 19 inches; estimated to measure 1,319
cubic feet..... \$0 62 per cubic foot.

To be delivered as required.

C. J. DE GRAW, FULTON, NEW YORK. DATE OF CONTRACT NOVEMBER 14, 1862.

Class No. 4, white oak plank.

30,000 best 3-inch plank.....	\$48 00	per M feet.
50,000 best 3½-inch plank.....	48 00	per M feet.
60,000 best 4-inch plank.....	48 00	per M feet.
100,000 best 4½-inch plank.....	48 00	per M feet.
60,000 best 5-inch plank.....	48 00	per M feet.
60,000 best 5½-inch plank.....	48 00	per M feet.
60,000 best 6-inch plank.....	48 00	per M feet.
60,000 best 6½-inch plank.....	48 00	per M feet.
60,000 best 7-inch plank.....	48 00	per M feet.

To be delivered as required.

C. J. DE GRAW, FULTON, NEW YORK. DATE OF CONTRACT NOVEMBER 13, 1862.

Class No. 7, yellow pine beams.

20 pieces, 32 to 36 feet long, sided 16 inches, moulded 14 inches.....	} * \$0 75 per cubic foot.
20 pieces, 36 to 40 feet long, sided 16 inches, moulded 14 inches.....	
20 pieces, 45 to 50 feet long, sided 16 inches, moulded 14 inches.....	

To be delivered as required.

° Estimated to contain 3,700 cubic feet.

Class No. 8, yellow pine mast and spar timber.

4 pieces 60 feet long, 22 inches square, and parallel	}	*	\$0 70	per cubic foot
4 pieces 55 feet long, 22 inches square, and parallel				
4 pieces 50 feet long, 22 inches square, and parallel				
4 pieces 45 feet long, 22 inches square, and parallel				
4 pieces 40 feet long, 22 inches square, and parallel				
4 pieces 35 feet long, 22 inches square, and parallel				
4 pieces 72 feet long, 23 inches square, and parallel	}	†	0 80	per cubic foot.
4 pieces 66 feet long, 23 inches square, and parallel				
4 pieces 75 feet long, 27 inches square at, and $\frac{1}{3}$ from, but, 19 inches square at the top end.	}	‡	0 90	per cubic foot.
4 pieces 68 feet long, 27 inches square at, and $\frac{1}{3}$ from, but, 19 inches square at the top end.				

To be delivered as required.

° Estimated to contain 3,831 cubic feet † Estimated to contain 2,028 cubic feet ‡ Estimated to contain 2,360 cubic feet

C. J. DE GRAW, OSWEGO, NEW YORK. DATE OF CONTRACT JANUARY 2, 1862.

Class No. 10, white pine mast timber.

4 white pine round spars, 92 feet long, 33 inches diameter at, and $\frac{1}{3}$ from, but, top end 29 inches	}	*	\$4 00	per inch.
4 white pine round spars, 82 feet long, 33 inches diameter at, and $\frac{1}{3}$ from, but, top end 29 inches				
4 white pine round spars, 80 feet long, 33 inches diameter at, and $\frac{1}{3}$ from, but, top end 29 inches				
4 white pine round spars, 76 feet long, 32 inches diameter at, and $\frac{1}{3}$ from, but, top end 28 inches				
4 white pine round spars, 80 feet long, 26 inches diameter in the middle				
4 white pine round spars, 76 feet long, 26 inches diameter in the middle				

To be delivered as required.

° Estimated to contain 732 inches.

WATSON & PITTENGER, BROOKLYN, NEW YORK. DATE OF CONTRACT NOVEMBER 10, 1862.

Class No. 11, white pine.

5,000 cubic feet white pine logs, No. 2	\$20 00	per cubic foot.
50,000 feet, board measure, white pine boards, No. 1, from $\frac{1}{2}$ to 1 inch, inclusive	35 00	per M feet.
80,000 feet, board measure, white pine boards, No. 2, from $\frac{1}{2}$ to 1 inch, inclusive	30 00	per M feet.
45,000 feet, board measure, white pine plank, No. 1, from $1\frac{1}{8}$ to 2 inches, inclusive	35 00	per M feet.
30,000 feet, board measure, white pine plank, No. 1, from $2\frac{1}{8}$ to 3 inches, inclusive	2 33 $\frac{1}{3}$	per M feet.
2,000 feet, board measure, white pine plank, No. 1, from $3\frac{1}{8}$ to 4 inches, inclusive	45 00	per M feet.
90,000 feet, board measure, white pine plank, No. 2, from $1\frac{1}{4}$ to 2 inches, inclusive	34 00	per M feet.

23,000 feet, board measure, white pine plank, No. 2, from $2\frac{1}{8}$ to $3\frac{1}{2}$ inches, inclusive	\$1 00	per M feet.
10,000 feet, board measure, white pine box boards,	22 00	per M feet.
60,000 feet, board measure, white pine stage plank, 3-inch	24 00	per M feet.
4,000 pieces No. 1 Albany plank	18	per piece.
3,000 pieces No. 2 Albany plank	32	per piece.
5,000 pieces No. 1 Albany boards	10	per piece.
3,000 pieces No. 2 Albany boards	31	per piece.

To be delivered as required.

Class No. 12, white oak boards and plank.

20,000 board feet, 1-inch best white oak boards, from 20 to 30 feet long	\$35 00	per M feet.
6,000 board feet, $1\frac{1}{4}$ -inch best white oak plank, 35 feet long	45 00	per M feet.
8,000 board feet, $1\frac{1}{2}$ -inch best white oak plank, 35 feet long	50 00	per M feet.
5,000 board feet, 2-inch best white oak plank, 35 feet long	35 00	per M feet.
10,000 board feet, $2\frac{1}{2}$ -inch best white oak plank, from 30 to 40 feet long	59 00	per M feet.

To be delivered as required.

WESLEY SMITH, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 13, ash logs and plank.

70,000 feet, board measure, clear white ash plank, $1\frac{1}{8}$ to 2 inches	\$34 50	per M feet.
30,000 feet, board measure, clear white ash plank, $2\frac{1}{8}$ to 4 inches	34 50	per M feet.

To be delivered as required.

LEWIS O. SOUTHMAYD, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 14, ash oars.

30,000 feet white ash oars, from 10 to 18 feet long,	\$0 05 $\frac{7}{10}$	per foot.
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To be delivered as required.

Class No. 15, hickory butts and handspikes.

50 white-heart hickory bars, from 12 to 14 feet long	\$2 10	each.
300 white-heart hickory handspikes, 6 feet long, 4 inches square at butt	36	each.

To be delivered as required.

A. S. SMALL, PHILADELPHIA. DATE OF CONTRACT NOVEMBER 14, 1862.

Class No. 16, black walnut, cherry.

12,000 feet, board measure, black walnut, from 1 to 6 inches thick	\$50 00	per M feet.
200 feet, board measure, cherry boards	50 00	per M feet.

To be delivered as required.

WATSON & PITTENGER, BROOKLYN, NEW YORK. DATE OF CONTRACT
NOVEMBER 10, 1862.

Class No. 17, cypress.

15, 000 feet, board measure, clear cypress boards and
plank, from $\frac{7}{8}$ to $1\frac{3}{4}$ inch \$58 00 per M feet.

To be delivered as required.

A. S. SMALL, PHILADELPHIA. DATE OF CONTRACT NOVEMBER 14, 1862.

Class No. 18, locust.

500 cubic feet best Long Island locust \$1 35 per cubic foot.
10, 000 best Long Island locust treenails, riven, $1\frac{2}{8}$
inch square, 20 and 24 inches long 40 00 per M.
10, 000 best Long Island locust treenails, riven, $1\frac{1}{2}$
inch square, 24 and 28 inches long 55 00 per M.

To be delivered as required.

WILLIAM M. SHAKESPEAR, KENT COUNTY, DELAWARE. DATE OF CONTRACT
NOVEMBER 13, 1862.

Class No. 19, white oak staves and headings.

2, 000 pieces white oak staves, in length 54 inches . . \$0 08 per piece.
2, 000 pieces white oak staves, in length 42 inches . . 08 per piece.
2, 000 pieces white oak headings, in length 32 inches . . 08 per piece.
1, 000 pieces white oak barrel staves 08 per piece.
2, 000 piece prime white ash barrel staves 08 per piece.

To be delivered as required.

EDWARD CLARKE, PITTSFIELD, MASSACHUSETTS. DATE OF CONTRACT NO-
VEMBER 12, 1862.

Class No. 20, black spruce.

6 pieces black spruce spars, 40 to 45 feet long . . \$12 00 each.
6 pieces black spruce spars, 45 to 50 feet long . . 14 00 each.
6 pieces black spruce spars, 50 to 55 feet long . . 16 00 each.
6 pieces black spruce spars, 55 to 60 feet long . . 18 00 each.
6 pieces black spruce spars, 60 to 65 feet long . . 20 00 each.
6 pieces black spruce spars, 65 to 70 feet long . . 22 00 each.
6 pieces black spruce spars, 70 to 75 feet long . . 24 00 each.
1, 000 inches black spruce spars, from 5 to 10 inches
in diameter 02½ per inch.
150 spruce poles, $2\frac{1}{2}$ inches diameter, 20 feet long . . 30 each.

To be delivered as required.

LEWIS O. SOUTHMAYD, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 21, cedar

20, 000 feet, board measure, clear cedar boards and
plank, from $\frac{7}{8}$ to $1\frac{1}{4}$ inch \$31 00 per M feet.

To be delivered as required.

WATSON & PITTINGER, BROOKLYN, NEW YORK. DATE OF CONTRACT
NOVEMBER 10, 1862.

Class No. 22, mahogany.

1,000 feet, board measure, St. Domingo mahogany, from $\frac{1}{2}$ to 4 inches thick.....	\$150 00	per M feet.
200 feet, board measure, St. Domingo mahogany, 6 by 6	160 00	per M feet.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 23, lignumvitæ.

7 tons lignumvitæ, 3 to 5 inches.....	\$1 00	per ton.
19 tons lignumvitæ, $5\frac{1}{2}$ to 8 inches.....	50 00	per ton.
20 tons lignumvitæ, $8\frac{1}{2}$ to 12 inches.....	80 00	per ton.
3 tons lignumvitæ, $12\frac{1}{2}$ to 16 inches.....	1 00	per ton.

To be delivered as required.

JOSEPH L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 25, iron—round, flat, and square.

150,000 pounds round iron, from $\frac{3}{16}$ to $2\frac{1}{2}$ inches...	\$0 05	per pound.
100,000 pounds round iron, from $2\frac{5}{8}$ to 3 inches ...	05	per pound.
100,000 pounds round iron, from $3\frac{1}{4}$ to 6 inches....	00 $\frac{1}{4}$	per pound.
35,000 pounds square iron, from $\frac{1}{2}$ to 2 inches....	05	per pound.
10,000 pounds square iron, from $2\frac{1}{4}$ to $5\frac{1}{2}$ inches..	06	per pound.
20,000 pounds hammered square iron, 1 to 5 inches	00 $\frac{1}{4}$	per pound.
10,000 pounds hammered flat iron.....	06	per pound.
20,000 pounds hammered round iron, 3 to 6 inches	06	per pound.
80,000 pounds flat iron, from $\frac{1}{4}$ to 1 inch thick, from $1\frac{1}{4}$ to 9 inches wide.....	05	per pound.
20,000 pounds flat iron, from $1\frac{1}{4}$ to 2 inches thick. from 4 to 10 inches wide.....	00 $\frac{1}{4}$	per pound.
40,000 pounds flat iron, from $\frac{3}{8}$ to $\frac{5}{8}$ inch thick, from 7 to 12 inches wide.....	00 $\frac{1}{4}$	per pound.
4,000 pounds hoop iron, from $\frac{1}{16}$ to $\frac{3}{8}$ inch thick, from $\frac{3}{4}$ to $2\frac{1}{4}$ inches wide.....	07	per pound.
500 pounds angle iron, assorted.....	03	per pound.
500 pounds T iron, assorted.....	07	per pound.
8,000 pounds thimble iron, from $\frac{3}{16}$ to $\frac{5}{16}$ inch thick, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches wide.....	08	per pound.
1,000 pounds puddled plate iron, from 0 to 10 wire gauge.....	06	per pound.
5,000 pounds chain-cable iron, from $\frac{3}{8}$ to $2\frac{1}{4}$ inches diameter.....	08	per pound.
600 pounds iron nail rods	06	per pound.
1,600 pounds sheet iron, Nos. 12 to 20.	10	per pound.
3,500 pounds Russia iron, Nos. 10 to 20.....	21	per pound.
50 pounds wrought-iron clinch-rings, $\frac{1}{4}$ to $1\frac{1}{2}$ inch	20	per pound.
500 pounds wrought-iron square nuts, assorted	15	per pound.
500 pounds wrought-iron six-sided nuts, assorted	15	per pound.

To be delivered as required.

Class No. 26, steel.

1, 500 pounds extra cast steel, from $\frac{1}{4}$ to $2\frac{1}{2}$ inches square	\$0 24	per pound.
200 pounds extra cast steel, from $2\frac{5}{8}$ to 4 inches square	10	per pound.
1, 000 pounds octagon steel, extra, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches square	01	per pound.
200 pounds round steel, $\frac{3}{4}$ to 4 inches	15	per pound.
500 pounds German steel, assorted	01	per pound.
500 pounds blister steel, assorted	01	per pound.
300 pounds spring steel, assorted	12	per pound.
300 pounds Damascus steel, assorted	01	per pound.
500 pounds extra flat steel, from $\frac{1}{2}$ to 2 inches thick, from 1 to 4 inches wide	28	per pound.
To be delivered as required.		

HENRY D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 27, iron spikes.

6, 000 pounds hand-made wrought-iron spikes, from 4 to 6 inches long	\$0 00 $\frac{1}{8}$	per pound.
1, 200 pounds hand-made wrought-iron spikes, from $6\frac{1}{2}$ to 8 inches long	08	per pound.
To be delivered as required.		

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 28, iron nails, wrought, cut.

2, 000 pounds wrought-iron nails, 6d. to 20d.	\$0 00 $\frac{1}{4}$	per pound.
500 pounds wrought-iron nails, 2 to 5 inches long	08	per pound.
220 pounds wrought-iron clout nails, $\frac{1}{2}$ to $1\frac{1}{4}$ inch	10	per pound.
3, 000 pounds wrought-iron boat nails, 4d. to 40d. ..	01	per pound.
10, 000 pounds iron cut nails, 4d. to 40d.	05 $\frac{1}{2}$	per pound.
800 pounds iron cut finishing nails, from $\frac{3}{4}$ to $1\frac{1}{2}$ inch	08	per pound.
1, 200 pounds iron brad-headed nails, 4d. to 10d. ...	00 $\frac{1}{4}$	per pound.
30, 000 pounds iron cut brads, $\frac{3}{4}$ to $1\frac{1}{2}$ inch	10	per pound.
To be delivered as required.		

BENJAMIN HAXTON, NEW YORK. DATE OF CONTRACT NOVEMBER 10, 1862.

Class No. 30, lead.

10, 000 pounds drawn lead pipe, from $1\frac{1}{2}$ to $2\frac{1}{2}$ inches diameter	\$0 09 $\frac{1}{4}$	per pound
To be delivered as required.		

HENRY D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 31, zinc, tin.

1, 100 pounds sheet zinc	\$0 20	per pound.
10 boxes tin plate, IX, 10 by 14	01	per box.

10 boxes tin plate, IX, 14 by 20	\$0 01	per box
1 box tin plate, IXX, 10 by 14	20 00	per box.
1 box tin plate, IXX, 14 by 20	01	per box.
16 boxes tin plate, IC, 10 by 14	01	per box.
12 boxes tin plate, IC, 14 by 20	25 00	per box.
6 boxes tin plate, DX, 12 by 17	25 00	per box.
6 boxes tin plate, DXX, 12 by 17	01	per box.
22 boxes tin plate, SDX, 11 by 15	01	per box.
3, 500 pounds Banca tin	50	per pound.
150 pounds spelter solder	10	per pound.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 33, hardware.

300 pounds burrs, copper, assorted	\$0 50	per pound.
16 dozen buttons, plate, brass, 1½ and 2 inch..	1 00	per dozen.
4 dozen bolts, flush, brass, 6 by 1¼ inch	10	per dozen.
2 dozen bolts, neck, brass, 6 inch	6 00	per dozen.
4 dozen bulkhead bolts, 4 inch	10	per dozen.
3 dozen barrel bolts, 5 inch	5 00	per dozen.
300 pounds brass, sheet, assorted	60	per pound.
2 balance springs, to weigh 25 pounds each..	2 00	each.
2 balance springs, to weigh 50 pounds each..	3 00	each.
6 balance springs, to weigh 150 pounds each.	5 00	each.
36 yards brass jack-chain, No. 12	12	per yard.
33 yards iron jack-chain	10	per yard.
50 pounds coil chain, bright	06	per pound.
50 sets couplings and boxes, complete, for hand pumps	3 50	per set.
8 sets cords and tassels	06	per set.
6 cranks and segments, for bells, brass	50	per set.
20 sets fixed wheel casters, 1½	50	per set.
6 sets socket casters	1 00	per set.
10 dozen escutcheons, plates, brass, assorted..	50	per dozen.
10 dozen escutcheons, thread, brass, assorted..	50	per dozen.
3 pounds escutcheons, pins, brass, assorted..	75	per pound.
6 fresh-water filters, (brass,) 3 inch	1 00	each.
4 4-inch gongs, with stop-crank and fixtures, complete	1 00	each.
4 5-inch gongs, with stop-crank and fixtures, complete	1 50	each.
4 6-inch gongs, with stop-crank and fixtures, complete	10	each.
50 pairs brass butt hinges, 4-inch, shifting pins	10	per pair.
20 pairs brass butt hinges, 4-inch, stationary pins	1 25	per pair.
50 pairs brass butt hinges, 3½-inch, stationary pins	80	per pair.
200 pairs brass butt hinges, 3-inch, stationary pins	1 10	per pair.
300 pairs brass butt hinges, 2½-inch, stationary pins	70	per pair.
150 pairs brass butt hinges, 2-inch, stationary pins	50	per pair.

40 pairs secretary hinges and fastenings, complete, brass, 5 by 5.....	\$0 10	per pair.
6 dozen pairs table fastenings.....	4 00	per dozen.
24 pairs table hinges, brass, 2 by 3 inch....	30	per pair.
8 pairs iron butt hinges, 3½ by 3½ inches....	25	per pair.
24 pairs back-flap hinges, brass, 1¼ inch....	15	per pair.
10 pairs back-flap hinges, iron, 1¼ inch.....	06	per pair.
12 dozen cabin-door hooks, brass, 4 and 6 inch.	5 00	per dozen.
2 dozen coat and hat hooks.....	2 50	per dozen.
5 gross cup hooks.....	4 00	per gross.
2 dozen lamp hooks, brass.....	1 00	per dozen.
6 dozen pairs iron draw flush handles.....	5 50	per dozen pairs
10 gross black walnut knobs, assorted.....	10	per gross.
2 dozen brass knobs and spindles, 1¼ to 2½ inch.....	8 00	per dozen.
12 dozen brass knobs, ¾ to 1¼ inch.....	10	per dozen.
4 dozen white mineral knobs and spindles...	4 00	per dozen.
12 dozen brass teakettle knobs.....	50	per dozen.
10 dozen blank mortise lock keys.....	1 25	per dozen.
20 dozen blank till lock keys.....	30	per dozen.
2 dozen blank padlock keys.....	30	per dozen.
4 dozen blank rimlock keys.....	1 00	per dozen.
20 dozen iron padlocks, 2¾ to 3½ inch.....	5 00	per dozen.
1 dozen brass padlocks, 3½-inch.....	10 00	per dozen.
6 dozen brass deadlocks.....	1 00	per dozen.
50 dozen brass drawer locks, 3 to 3½ inch....	5 00	per dozen.
40 dozen brass cupboard locks, 3½-inch, right and left.....	5 00	per dozen.
1 dozen brass desk locks, 3-inch.....	5 00	per dozen.
4 dozen brass chest locks, 4-inch.....	5 00	per dozen.
2 dozen brass rimlocks, 5-inch.....	16 00	per dozen.
6 dozen 4-inch mortise locks, white porcelain furniture, complete.....	20 00	per dozen.
6 dozen iron chest locks, 4 inch.....	10	per dozen.
6 patent mouthpieces.....	1 00	each.
50 pounds coppersmiths' copper rivets.....	50	per pound.
300 pounds iron sheave rivets, ¾ to 2 inch....	22	per pound.
200 pounds iron rivets, assorted.....	15	per pound.
2 dozen flush rings, brass.....	50	per pound.
480 gross brass screws, gimlet points, 4 to 26..	2 50	per gross.
570 gross iron screws, gimlet points, 4 to 24...	80	per gross.
2 dozen sash-fasteners.....	2 00	per dozen.
2 dozen sash springs.....	2 00	per dozen.
170,000 iron cut tacks.....	10	per M.
20,000 gimp tacks.....	10	per M.
100 pounds brass wire.....	35	per pound.
40 pounds copper wire.....	40	per pound.
600 pounds iron wire.....	01	per pound.
5 pounds blind wire.....	10	per pound.
12 water-closet fixtures, water valves, stop-cocks, china basin, complete.....	15 00	each.
6 extra fixtures for water-closet.....	1 00	each.
6 water-closet cocks, with handles.....	1 00	each.
12 washers and plugs.....	10	each.
10 yards wire cloth, brass.....	10	per yard.

To be delivered as required.

HENRY D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 34, tools for stores.

24 adzes, carpenters', handled	\$3 00	each.
2 adzes, hollow, handled	01	each.
12 adzes, coopers', handled	01	each.
2 axes, coopers', handled	01	each.
20 axes, broad, handled	5 00	each.
60 axes, wood, handled	1 50	each.
2 axes, pick, with hoe combined	2 00	each.
2 dozen awls, brad, handled	01	per dozen.
2 dozen awls, wire, handled	01	per dozen.
16 dozen awls, shoemakers', handled	01	per dozen.
8 anvils, estimated 140 pounds each, say 1,120 pounds	07	per pound.
2 bung-borers	01	each.
8 braces and bits, wood, complete, 48 bits	5 00	per set.
6 braces and bits, coopers', complete, 20 bits	01	per set.
2 tap-borers	1 00	each.
2 bevels, steel-tongued	1 00	each.
50 pounds iron sail-clews, galvanized	01	per pound.
4 crows, coopers'	01	each.
4 dozen compasses, carpenters'	6 00	per dozen.
2 dozen compasses, armorers'	8 00	per dozen.
8 dozen chisels, from $\frac{1}{8}$ to 2 inches, assorted, handled	8 00	per dozen.
2 dozen chisels, socket, handled, $\frac{3}{4}$ to 3 inches	01	per dozen.
24 calipers, 6 to 24 inches	01	each.
8 sets alphabetical letters and figures, $\frac{1}{4}$ to $\frac{3}{8}$ inch, steel	01	per set.
6 brass dividers	01	each.
4 diamonds, glaziers'	6 00	each.
20 dividers, assorted	01	each.
8 dozen taper files, 3 to 4 inch	2 00	per dozen.
24 dozen taper files, 5 to 6 inch	01	per dozen.
12 dozen files, whipsaw, $\frac{5}{16}$ inch wide	01	per dozen.
16 dozen files, rat-tail, assorted	5 00	per dozen.
24 dozen nail gimlets	01	per dozen.
4 dozen spike gimlets	01	per dozen.
2 dozen carpenters' gauges	01	per dozen.
4 dozen firmer gouges, handled, assorted, $\frac{1}{4}$ to 2 inches	3 00	per dozen.
2 dozen socket gouges, handled, assorted, $\frac{3}{4}$ to 3 inches	01	per dozen.
36 gross brass round grummits	01	per gross.
12 gross brass oblong grummits	3 00	per gross.
24 hammers, tinners', handled	01	each.
18 hammers, saddlers', handled	01	each.
10 hammers, coopers', handled	01	each.
36 hammers, rivet, handled	1 00	each.
150 hammers, claw, handled	75	each.
12 hammers, coppersmiths'	01	each.
72 hatchets, cast steel, handles	01	each.
6 coopers' marking-irons	01	each.
40 drawing-knives	1 00	each.
2 drawing-knives, coopers'	01	each.

12	putty-knives.....	\$0 01	each.
4	pitch-kettles, 16 to 20 inches diameter at top..	4 00	each.
2	glue-kettles.....	01	each.
48	iron ladles.....	01	each.
12	iron pitch-ladles.....	01	each.
2	moulding-planes.....	01	each.
6	turning lathes and tools, complete, for wood and iron.. . . .	01	each.
2	ploughs, (8 bits).....	6 00	each.
2	long-jointer planes.....	01	each.
4	grooving planes, width of iron $\frac{1}{4}$ to 1 inch....	01	each.
24	short-jointer planes.....	1 00	each.
24	smoothing planes.....	1 00	each.
4	long-jointers, coopers'.....	01	each.
4	short-jointers, coopers'.....	01	each.
4	beading planes, width of iron $\frac{1}{4}$ to $\frac{3}{4}$ inch.....	01	each.
32	jack-planes.....	1 20	each.
20	pincers, assorted.....	50	each.
40	plyers, cutting, and assorted.....	01	each.
68	rules, 2 feet, double and single jointed.....	50	each.
12	wood-rasps, assorted.....	01	each.
3	dozen connecting shackles, from $\frac{3}{8}$ to 1 inch....	01	per dozen.
24	wood-saws.....	1 00	each.
20	handsaws.....	2 50	each.
36	hand hacksaws.....	01	each.
2	hacksaws, with frame.....	2 00	each.
36	hacksaw blades.....	01	each.
8	dovetail saws.....	01	each.
16	compass saws, 10 to 15-inch.....	01	each.
6	sash-saws.....	1 00	each.
16	keyhole saws and pads, 6 to 12-inch.....	01	each.
8	tenon-saws.....	1 00	each.
8	saw-sets.....	01	each.
12	bench-screws.....	1 00	each.
30	clamp-screws.....	01	each.
12	jack-screws, 2 $\frac{1}{2}$ to 3 feet, equal to Ballard's....	5 00	each.
16	spokeshaves.....	01	each.
2	bucket-shaves, coopers'.....	01	each.
2	canshaves, coopers'.....	01	each.
2	inshaves, coopers'.....	01	each.
2	brass squares.....	01	each.
12	iron squares, 2 feet.....	01	each.
4	steel squares, 2 feet.....	2 00	each.
8	trying squares.....	50	each.
12	steel coal shovels.....	1 50	each.
12	steel shovels.....	01	each.
120	steel scoop shovels.....	1 00	each.
200	ship-scrapers, steel blades, handled.....	50	each.
2	tinners' shears.....	6 00	each.
12	hand shears.....	01	each.
2	edging stakes.....	4 00	each.
2	planishing stakes.....	01	each.
8	screw plates and taps, large size.....	01	each.
8	screw plates and taps, small size.....	01	each.
2	stock taps and dies, large size, complete, en- gineer's.....	5 00	each.

20 pairs scissors.....	\$0 50	each.
12 bench vices, 3½ to 5½-inch jaws, say 1,400 pounds,	00½	per pound.
12 hand vices.....	01	each.
8 dozen screw wrenches, from 6 to 24 inches, equal to Phillips's American.....	30	per dozen.
6 wrenches, equal to Baxter's, 8, 10, and 12-inch..	1 50	each.
16 oil-stones, say 24 pounds.....	06	per pound.
6 paint-stones and mullers.....	01	each.
To be delivered as required.		

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 36, white-lead.

54,000 pounds pure dry white-lead.....	\$0 09	per pound.
15,000 pounds pure white-lead, in oil, in 25 and 50 pound kegs.....	10	per pound.
To be delivered as required.		

Class No. 37, zinc paint.

200 pounds brown zinc paint, in oil, in 25-pound kegs.....	\$0 00½	per pound.
5,000 pounds white zinc paint, in oil.....	07	per pound.
150 pounds white zinc paint, dry.....	00½	per pound.
To be delivered as required.		

Class No. 38, colored paints, dryers.

1,250 pounds black paint, in oil.....	\$0 09	per pound.
4,000 pounds red-lead, dry.....	07½	per pound.
3,000 pounds litharge, dry.....	08	per pound.
10,000 pounds whiting, dry.....	01	per pound.
3,000 pounds lampblack, dry.....	03	per pound.
60 pounds terra de sienna, in oil.....	01	per pound.
60 pounds terra de sienna, raw.....	30	per pound.
800 pounds chrome green, dry.....	15	per pound.
50 pounds French green, dry.....	60	per pound.
10 pounds Indian red, dry.....	10	per pound.
10 pounds verdigris, ground in oil.....	50	per pound.
30 pounds Chinese vermilion, dry.....	10	per pound.
10 pounds Chinese blue, dry.....	01	per pound.
8 pounds ultramarine blue, dry.....	1 00	per pound.
3 pounds Prussian blue, dry.....	1 00	per pound.
100 pounds gum shellac.....	75	per pound.
2 pounds ivory black.....	20	per pound.
3 pounds Vandyke brown.....	10	per pound.
500 pounds Venetian red, dry.....	02	per pound.
300 pounds sugar of lead.....	25	per pound.
20 pounds burnt umber, dry.....	25	per pound.
55 pounds burnt umber, in oil.....	01	per pound.
2,000 pounds of yellow ochre.....	02	per pound.
10 pounds stone ochre.....	20	per pound.
12 pounds chrome yellow, dry.....	40	per pound.
200 pounds brown manganese.....	07	per pound.
500 pounds patent dryer.....	16	per pound.
To be delivered as required.		

Class No. 39, linseed oil, turpentine, varnish.

8,000 gallons linseed oil, raw.....	\$1 00	per gallon.
1,200 gallons spirits of turpentine.	2 53	per gallon.
60 gallons bright varnish.....	2 00	per gallon.
73 gallons demar varnish.....	01	per gallon.
81 gallons coach varnish.....	01	per gallon.
25 gallons copal varnish.....	4 00	per gallon.
13 gallons harness varnish.....	01	per gallon.
6 gallons brown Japan varnish.....	2 50	per gallon.
5 gallons black naval varnish, Emery's.....	01	per gallon.

To be delivered as required.

Class No. 41, glass.

700 lights, 9 by 12 inches, double thick crown glass	\$0 20	per light.
400 lights, 10 by 12 inches, double thick crown glass	22	per light.
300 lights, 10 by 14 inches, double thick crown glass	12	per light.
100 lights, 10 by 16 inches, double thick crown glass	15	per light.
100 lights, 12 by 12 inches, double thick crown glass	01	per light.
100 lights, 12 by 14 inches, double thick crown glass	24	per light.
150 lights, 12 by 16 inches, double thick crown glass	24	per light.
230 lights, 14 by 18 inches, double thick crown glass	10	per light.
50 lights, 14 by 20 inches, double thick crown glass	40	per light.
100 lights, 16 by 24 inches, double thick crown glass	50	per light.
75 lights, 24 by 30 inches, double thick crown glass	10	per light.
12 clear magazine lenses, 12 inches diameter, 1½ inch thick, polished.....	4 00	each.
15 deck-lights, 10 by 3.....	1 00	each.
6 deck-lights, 7-inch.....	1 00	each.
18 port-lights, round, 6 inches diameter..	75	each.
2 dozen hexagon deck-lights, 3-inch.....	10 00	per dozen.
24 round deck-lights, 3-inch "Lanigan's".....	1 00	each.
24 round deck-lights, 3½-inch "Lanigan's".....	1 10	each.
24 round deck-lights, 4-inch "Lanigan's".....	10	each.
12 binnacle bows.....	10	each.
12 air-port glasses, 7¼-inch.....	1 00	each.
12 side lights.....	75	each.
12 lenses, Fresnel, for lanterns, white.....	50	each.
12 lenses, Fresnel, for lanterns, red.....	50	each.

To be delivered as required.

Class No. 43, pitch, rosin, tar.

25 barrels thin tar, each containing not less than 30 gallons.....	\$18 00	per barrel.
240 barrels pitch, each containing not less than 300 pounds.....	18 00	per barrel.
130 barrels No. 1 rosin, each containing not less than 300 pounds.....	16 00	per barrel.
46 barrels soft, clear turpentine, each containing not less than 280 pounds.....	1 00	per barrel.

To be delivered as required.

Class No. 44, fish-oil, tallow, soap.

2,000 pounds pure beef tallow.....	\$0 18	per pound.
420 gallons fish oil.....	60	per gallon.
300 pounds best hard brown soap.....	12	per pound.
25 gallons sweet oil, (olive).....	01	per gallon.

To be delivered as required.

Class No. 46, miscellaneous dry goods, hair-cloth, and ship-chandlery.

25 yards broadcloth.....	\$2 50	per yard.
10 yards enamelled cloth.....	50	per yard.
8 yards fearnought.....	1 50	per yard.
25 yards satinet.....	10	per yard.
50 yards black muslin.....	12	per yard.
10 yards white muslin.....	20	per yard.
5 yards green baize.....	1 00	per yard.
10 pounds black thread.....	80	per pound.
5 pounds white thread.....	1 00	per pound.
10 pieces binding, assorted colors.....	25	per piece.
150 yards black gimp.....	06	per yard.
10 pieces tape, assorted colors.....	10	per piece.
2 pieces carpet binding.....	50	per piece.
4 pounds sewing-twine.....	50	per pound.
4 pounds seine-twine.....	60	per pound.
100 yards hair-cloth, 30-inch.....	10	per yard.
50 yards hair-cloth, 24-inch.....	2 00	per yard.
5 papers needles, assorted.....	10	per paper.
5 gross black frogs.....	50	per gross.
200 pounds curled hair.....	50	per pound.
140 pounds beeswax.....	49	per pound.
5 carboys muriatic acid, say 500 pounds.....	01	per pound.
5 carboys sulphuric acid, say 500 pounds.....	01	per pound.
25 pounds sal-ammonia.....	01	per pound.
100 pounds borax.....	25	per pound.
1,700 pounds spun cotton.....	49	per pound.
25 pounds sash cord, white.....	25	per pound.
2 pieces blue cord.....	1 00	per piece.
2 pieces red cord.....	1 00	per piece.
2 pieces green cord.....	1 00	per piece.
200 pounds best white glue.....	20	per pound.
400 sheets large middle horn.....	10	per sheet.
70 pounds potash.....	10	per pound.
28 reams sandpaper, assorted.....	3 00	per ream.
4 reams wrapping paper.....	1 00	per ream.
400 lamp screws.....	03	each.
50 lamp filling screws.....	03	each.
25 pounds lampwick.....	50	per pound.
275 candlestick slides.....	01	each.
10 pounds pumice stone.....	10	per pound.
170 pounds thrums.....	50	per pound.

To be delivered as required.

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class A, boiler iron—rivets.

- 14 sheets boiler iron, 7 feet long, 60 inches wide, $\frac{7}{16}$ inch thick.
- 14 sheets boiler iron, 8 feet long, 50 inches wide, $\frac{3}{8}$ inch thick.
- 14 sheets boiler iron, 8 feet long, 29 inches wide, $\frac{3}{8}$ inch thick.
- 14 sheets boiler iron, 3 feet 6 inches long, 26 inches wide, $\frac{3}{8}$ inch thick.
- 14 sheets boiler iron, 3 feet 6 inches long, 27 inches wide, $\frac{3}{8}$ inch thick.
- 28 sheets boiler iron, 7 feet 6 inches long, 32 inches wide, $\frac{3}{8}$ inch thick.
- 28 sheets boiler iron, 4 feet 8 inches long, 15 inches wide, $\frac{3}{8}$ inch thick.
- 14 sheets boiler iron, 6 feet 2 inches long, 41 inches wide, $\frac{7}{16}$ inch thick.
- 14 sheets boiler iron, 3 feet 8 inches long, 41 inches wide, $\frac{3}{8}$ inch thick.
- 8 sheets boiler iron, 9 feet long, 38 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 9 feet long, 44 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 7 feet 10 inches long, 60 inches wide, $\frac{7}{16}$ inch thick.
- 9 sheets boiler iron, 7 feet 10 inches long, 48 inches wide, $\frac{7}{16}$ inch thick.
- 6 sheets boiler iron, 10 feet 2 inches long, 36 inches wide, $\frac{3}{8}$ inch thick.
- 24 sheets boiler iron, 8 feet 4 inches long, 51 inches wide, $\frac{3}{8}$ inch thick.
- 6 sheets boiler iron, 7 feet 1 inch long, 51 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 10 feet 6 inches long, 51 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 7 feet 5 inches long, 52 inches wide, $\frac{7}{16}$ inch thick.
- 9 sheets boiler iron, 6 feet 5 inches long, 47 inches wide, $\frac{7}{16}$ inch thick.
- 4 sheets boiler iron, 7 feet 5 inches long, 52 inches wide, $\frac{3}{8}$ inch thick.
- 9 sheets boiler iron, 6 feet 5 inches long, 47 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 9 feet 1 inch long, 36 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 4 feet 7 inches long, 25 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 5 feet 1 inch long, 52 inches wide, $\frac{7}{16}$ inch thick.
- 11 sheets boiler iron, 5 feet 1 inch long, 47 inches wide, $\frac{7}{16}$ inch thick.
- 4 sheets boiler iron, 5 feet 9 inches long, 28 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 5 feet 7 inches long, 36 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 5 feet 4 inches long, 51 inches wide, $\frac{3}{8}$ inch thick.
- 6 sheets boiler iron, 5 feet 10 inches long, 51 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 8 feet 7 inches long, 51 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 5 feet 1 inch long, 50 inches wide, $\frac{7}{16}$ inch thick.
- 2 sheets boiler iron, 6 feet 6 inches long, 50 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 7 feet 5 inches long, 50 inches wide, $\frac{7}{16}$ inch thick.
- 2 sheets boiler iron, 7 feet 5 inches long, 50 inches wide, $\frac{3}{8}$ inch thick.
- 12 sheets boiler iron, 9 feet long, 36 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 7 feet 10 inches long, 40 inches wide, $\frac{7}{16}$ inch thick.
- 3 sheets boiler iron, 6 feet 9 inches long, 32 inches wide, $\frac{7}{16}$ inch thick.
- 3 sheets boiler iron, 5 feet long, 32 inches wide, $\frac{7}{16}$ inch thick.
- 2 sheets boiler iron, 7 feet 7 inches long, 42 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 8 feet 7 inches long, 47 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 7 feet long, 47 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 8 feet 7 inches long, 61 inches wide, $\frac{7}{16}$ inch thick.
- 2 sheets boiler iron, 8 feet 9 inches long, 36 inches wide, $\frac{7}{16}$ inch thick.
- 3 sheets boiler iron, 7 feet 5 inches long, 38 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 9 feet 6 inches long, 38 inches wide, $\frac{3}{8}$ inch thick.
- 3 sheets boiler iron, 6 feet 6 inches long, 39 inches wide, $\frac{3}{8}$ inch thick.
- 2 sheets boiler iron, 4 feet 11 inches long, 32 inches wide, $\frac{7}{16}$ inch thick.
- 2 sheets boiler iron, 4 feet 11 inches long, 50 inches wide, $\frac{7}{16}$ inch thick.
- 2 sheets boiler iron, 8 feet 9 inches long, 52 inches wide, $\frac{3}{8}$ inch thick.
- 6 sheets boiler iron, 6 feet 2 inches long, 38 inches wide, $\frac{3}{8}$ inch thick.
- 5 sheets boiler iron, 7 feet long, 36 inches wide, $\frac{3}{8}$ inch thick.
- 4 sheets boiler iron, 6 feet 2 inches long, 49 inches wide, $\frac{3}{8}$ inch thick.

- 6 sheets boiler iron, 5 feet long, 30 inches wide, $\frac{7}{16}$ inch thick.
 4 sheets boiler iron, 6 feet 9 inches long, 55 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 6 feet 9 inches long, 32 inches wide, $\frac{3}{8}$ inch thick.
 2 sheets boiler iron, 7 feet 8 inches long, 36 inches wide, $\frac{3}{8}$ inch thick.
 3 sheets boiler iron, 7 feet 9 inches long, 36 inches wide, $\frac{7}{16}$ inch thick.
 4 sheets boiler iron, 9 feet long, 44 inches wide, $\frac{3}{8}$ inch thick.
 2 sheets boiler iron, 7 feet 7 inches long, 48 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 4 feet 10 inches long, 37 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 8 feet 2 inches long, 23 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 6 feet long, 23 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 9 feet 7 inches long, 43 inches wide, $\frac{3}{8}$ inch thick.
 2 sheets boiler iron, 7 feet long, 39 inches wide, $\frac{3}{8}$ inch thick.
 18 sheets boiler iron, 8 feet long, 36 inches wide, $\frac{3}{8}$ inch thick.
 6 sheets boiler iron, 8 feet 3 inches long, 35 inches wide, $\frac{7}{16}$ inch thick.
 6 sheets boiler iron, 5 feet 4 inches long, 35 inches wide, $\frac{7}{16}$ inch thick.
 8 sheets boiler iron, 8 feet 2 inches long, 43 inches wide, $\frac{3}{8}$ inch thick.
 10 sheets boiler iron, 10 feet 11 inches long, 43 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 6 feet long, 67 inches wide, $\frac{7}{16}$ inch thick.
 3 sheets boiler iron, 9 feet 3 inches long, 49 inches wide, $\frac{7}{16}$ inch thick.
 3 sheets boiler iron, 10 feet 11 inches long, 41 inches wide, $\frac{3}{8}$ inch thick.
 6 sheets boiler iron, 5 feet long, 47 inches wide, $\frac{7}{16}$ inch thick.
 3 sheets boiler iron, 7 feet 10 inches long, 51 inches wide, $\frac{3}{8}$ inch thick.
 3 sheets boiler iron, 7 feet 10 inches long, 37 inches wide, $\frac{3}{8}$ inch thick.
 3 sheets boiler iron, 4 feet 3 inches long, 24 inches wide, $\frac{3}{8}$ inch thick.
 3 sheets boiler iron, 7 feet 9 inches long, 38 inches wide, $\frac{7}{16}$ inch thick.
 6 sheets boiler iron, 5 feet long, 20 inches wide, $\frac{3}{8}$ inch thick.
 6 sheets boiler iron, 4 feet long, 37 inches wide, $\frac{3}{8}$ inch thick.
 6 sheets boiler iron, 8 feet 8 inches long, 33 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 5 feet 1 inch long, 18 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 9 feet 8 inches long, 38 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 8 feet 6 inches long, 38 inches wide, $\frac{3}{8}$ inch thick.
 4 sheets boiler iron, 5 feet 9 inches long, 27 inches wide, $\frac{3}{8}$ inch thick.
 50 sheets boiler iron, 8 feet long, 36 inches wide, $\frac{3}{16}$ inch thick, best patch.
 50 bundles boiler iron, 8 feet long, 36 inches wide, No. 14.
 50 bundles boiler iron, 8 feet long, 36 inches wide, No. 16.
 20 sheets boiler iron, 8 feet long, 36 inches wide, No. 10.
 20 sheets boiler iron, 8 feet long, 36 inches wide, No. 9.
 20 sheets boiler iron, 8 feet long, 36 inches wide, No. 8.
 20 sheets boiler iron, 8 feet long, 36 inches wide, No. 7.

Estimated weight of the above boiler iron, 184,000

pounds \$0 6 $\frac{1}{2}$ per pound.

10 circular heads, assorted sizes, $\frac{3}{8}$ inch thick.	}	0 01 per pound.
10 tube heads, of such dimensions as may be		
required, from $\frac{7}{16}$ to $\frac{9}{16}$ inch thick		
50 sheets iron boiler plate, assorted, of such	}	
sizes and thickness as may be required . .		

Estimated weight of the above iron, 34,000 pounds.

20 bars bead iron, assorted, (estimated 1,000	
pounds)	02 per pound.
8,000 pounds iron boiler rivets, 2 by $\frac{5}{8}$ inch	00 $\frac{1}{4}$ per pound.
2,000 pounds iron boiler rivets, assorted	08 per pound.
300 pounds button-head rivets, assorted	10 per pound.
1,000 pounds lap-welded iron boiler tubes, 2 to 4	
inches diameter, (estimated 18,000 pounds)	26 per pound.

To be delivered as required.

Class B, pig-iron.

50 tons No. 1 best charcoal pig-iron.....	\$55 00	per ton.
50 tons No. 1 best anthracite pig-iron	20 00	per ton.
(The ton to be of 2,240 pounds.)		
To be delivered as required.		

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 13, 1862.

Class C, lard-oil.

2,000 gallons pure lard-oil, for lubricating	\$0 70	per gallon.
To be delivered as required		

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class D, boiler felting.

500 square yards boiler felting, such as may be re- quired.....	\$1 25	per square yard.
To be delivered as required.		

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 13, 1862.

Class E, gum packing.

1,000 pounds round rubber packing, (duck outside, assorted	\$0 80	per pound.
500 pounds pure vulcanized rubber valves, rings, &c., per patterns	85	per pound.
3,000 pounds sheet rubber packing, such as may be required	01	per pound.
500 pounds rubber gaskets, per patterns	1 75	per pound.
500 pounds tucks packing, assorted	1 75	per pound.
To be delivered as required.		

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class F, miscellaneous tools for engineers.

2,000 pounds anvils, assorted	\$0 01	per pound.
60 cast steel wood-axes	1 00	each.
12 coal barrows	3 00	each.
3 hand-bellows	50	each.
9 bellows for forges, 30 inches	12 00	each.
12 brace and bits, (48 bits)	3 00	each.
24 firmer-chisels, assorted	01	each.
10 engine-room clocks	5 00	each.
12 calipers, large, 24 to 36 inches	01	each.
12 calipers, small, 6 to 12 inches	50	each.
24 screwdrivers	25	each.
12 dividers, steel	25	each.
1 forge, with bellows, complete	40 00	each.
45 dozen files, 12 to 16 inches, assorted	4 00	per dozen.
24 firmer-gouges	01	each.
24 hatchets	50	each.
24 claw-hammers	50	each.

24 shoe-knives	\$0 10	each.
5 hydraulic jacks, 30 tons	100 00	each.
15 hydraulic jacks, to lift from foot 15 tons	65 00	each.
10 hydraulic jacks, to lift from foot 10 tons	100 00	each.
12 screw-plates and taps, complete	1 00	each.
15 stocks and dies and taps, complete	3 00	each.
24 handsaws	1 00	each.
10 oil-stones	25	each.
6 tinman's shears	1 50	each.
6 syringes	3 50	each.
10 jack-screws	01	each.
24 hacksaws and frames, complete	1 00	each.
60 hacksaw-blades, to suit frames	25	each.
12 steel squares	1 00	each.
6 trying squares	25	each.
360 steel scoop shovels	1 00	each.
480 ship-scrapers	01	each.
24 jack-planes	01	each.
30 plyers	25	each.
24 boxwood rules, 4 fold, standard, 2 feet	60	each.
12 trowels	1 00	each.
2 hydraulic punches and dies	40 00	each.
500 pounds vises	15	per pound.
96 screw-wrenches	70	each.
24 pipe-wrenches, assorted	75	each.
18 paul-wrenches	6 00	each.
2 screw-punches and dies	1 00	each.
30 flue-brushes, per sample	1 00	each.

To be delivered as required.

H. P. COLLINS & Co., NEW YORK. DATE OF CONTRACT NOVEMBER 26, 1862.

Class G, cooking utensils, stoves, &c.

30 gridirons, 2 sizes	\$0 60	each.
30 griddles, 2 sizes	80	each.
50 iron teakettles, from 6 to 12 quarts	2 00	each.
15 fish-kettles, with strainers, complete	4 00	each.
30 iron ladles, 2 sizes	1 50	each.
50 frying-pans, 3 sizes	60	each.
100 stewpans, 2 to 12 quarts	90	each.
20 iron pots, large size	2 00	each.
12 pokers	1 00	each.
12 shovels	1 00	each.
12 tongs	1 00	each.
30 tormentors	2 00	each.
35 tinder-boxes and steels	30	each.
25 waffle-irons	50	each.
12 cooking cabooses, equal to Sheppard's No. 1	75 00	each.

To be delivered as required.

WILLIAM BRAND, NEW YORK. DATE OF CONTRACT NOVEMBER 11, 1862.

Class H, flax canvas.

200 bolts No. 1 flax canvas	\$25 30	per bolt.
100 bolts No. 2 flax canvas	33 00	per bolt.

400 bolts No. 3 flax canvas	\$31 00	per bolt.
300 bolts No. 4 flax canvas	29 50	per bolt.
150 bolts No. 5 flax canvas	20 00	per bolt.
300 bolts No. 6 flax canvas	25 00	per bolt.
200 bolts No. 7 flax canvas	12 00	per bolt.
200 bolts No. 8 flax canvas	11 00	per bolt.
60 bolts light raven's-duck	13 00	per bolt.
3,000 yards coal bagging per yard	50	per yard.
To be delivered as required.		

FOX & POLHEMUS, NEW YORK. DATE OF CONTRACT DECEMBER 30, 1862.

Class I, cotton canvas.

200 bolts No. 3 cotton canvas	\$41 00	per bolt.
300 bolts No. 4 cotton canvas	40 00	per bolt.
300 bolts No. 5 cotton canvas	36 00	per bolt.
150 bolts No. 6 cotton canvas	35 00	per bolt.
50 bolts No. 7 cotton canvas	32 00	per bolt.
100 bolts No. 8 cotton canvas	30 00	per bolt.
100 bolts No. 10 cotton canvas	27 00	per bolt.
200 bolts cot stuff, 30 inches wide	50 00	per bolt.
400 bolts bag stuff, 42 inches wide	74 00	per bolt.
500 bolts hammock stuff, 42 inches wide	95 00	per bolt.
2,000 yards Methuen duck, 30 inches wide	60	per yard.

To be delivered as required.

H. J. COLLINS & Co., NEW YORK. DATE OF CONTRACT NOVEMBER 8, 1862.

Class J, twine.

1,200 pounds flax whipping-twine	\$0 48	per pound.
600 pounds seine-twine	40	per pound.
1,500 pounds cotton twine, 5 to 8 thread	80	per pound.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class K, leather.

4,000 pounds rigging leather, sides not less than 10 pounds	\$0 42	per pound.
1,500 pounds pump leather, sides not less than 30 pounds	53	per pound.
1,200 pounds bellows leather, sides not less than 6 pounds	40	per pound.
400 pounds hose leather	30	per pound.
80 raw hides	02½	each.
10 sides lacing leather	2 50	per side.

To be delivered as required.

JAMES R. PUGH, HARRISBURG, PENN. DATE OF CONTRACT NOVEMBER 10, 1862.

Class L, hose.

3,000 feet leading hose, in 25 feet lengths	\$0 63	per foot.
300 feet suction hose, in 6 feet lengths	1 65	per foot.
100 feet rubber hose, 1 to 2 inch, 2-ply	35	per foot.

To be delivered as required.

J. L. SAVAGE, WASHINGTON. DATE OF CONTRACT NOVEMBER 18, 1862.

Class M, brushes.

600 clamp brushes.....	\$0 20	each.
600 hand scrubbing brushes.....	22	each.
120 tar brushes, long handles.....	20	each.
120 tar brushes, short handles.....	16	each.
1, 200 whitewash brushes.....	60	each.
100 dusting brushes.....	25	each.
50 varnish brushes.....	50	each.
1, 000 paint brushes, 000000 ..	80	each.
200 sash tool brushes.....	16	each.
200 camels' hair brushes.....	01	each.
50 flue brushes.....	01	each.

To be delivered as required.

Class N, bunting and dry goods.

50 pieces 18-inch red bunting.....	\$12 00	per piece.
50 pieces 12-inch red bunting.....	7 00	per piece.
50 pieces 9-inch red bunting.....	5 00	per piece.
20 pieces 4½-inch red bunting.....	4 00	per piece.
60 pieces 18-inch white bunting.....	12 00	per piece.
50 pieces 12-inch white bunting.....	7 00	per piece.
30 pieces 9-inch white bunting.....	4 00	per piece.
30 pieces 4½-inch white bunting.....	4 00	per piece.
50 pieces 18-inch blue bunting.....	12 00	per piece.
50 pieces 12-inch blue bunting ..	1 00	per piece.
20 pieces 9-inch blue bunting.....	4 00	per piece.
30 pieces 4½-inch blue bunting.....	3 00	per piece.
10 pieces 18-inch green bunting.....	14 00	per piece.
10 pieces 18-inch yellow bunting.....	10 00	per piece.
100 rolls worsted bunting.....	50	per roll.
500 yards white muslin, $\frac{7}{8}$ wide.....	25	per yard.
10 pieces Russia sheeting, 40 yards each.....	10	per yard.
200 yards green baize.....	70	per yard.
300 yards fearnought.....	50	per yard.
300 spools white cotton.....	10	per spool.
50 pounds white linen thread.....	90	per pound.
60 pounds linen thread, assorted colors ..	05	per pound.
100 pounds shoe-thread.....	05	per pound.
60 papers sewing needles, assorted sizes.....	10	per paper.

To be delivered as required.

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 13, 1862.

Class O, lanterns.

130 globe lanterns, sample.....	\$6 00	each.
100 berth-deck lanterns, sample.....	25	each.
20 sets running lights, sample.....	25 00	each.
60 engine-room lamps, sample.....	12 00	each.
150 lamps with reflectors, sample.....	00 $\frac{1}{8}$	each.
300 lamp chimneys, sample.....	15	each.
hand-lamps, sample.....	08	each.

60 bunker lamps, sample	\$0 01	each.
300 pounds lampwick yarn, sample	1 00	per pound.
50 gross lampwick, circular, sample	50	per gross.
30 lamp scissors	50	each.
To be delivered as required.		

Class Q, sperma oil.

5,000 gallons winter-strained oil	\$1 50	per gallon.
To be delivered as required.		

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class R, ship-chandlery for stores and equipments.

100 gallons alcohol, best quality, 95 per cent. proof	\$0 75	per gallon.
1,000 Bath brick	05	each.
1,500 fire-bricks	30 00	per M.
800 pounds beeswax	45	per pound.
60 coal-baskets	60	each.
5 pairs bellows	50	per pair.
8 composition blocks, 2-inch	1 50	each.
20 pounds bristles	01	per pound.
300 feet double leather belting, rivetted, 5 to 8..	10	per foot.
25 scale-beams, to weigh 500 pounds	3 50	each.
10 pairs hose couplings, 1 to 2 inch	10	per pair.
800 pounds animal charcoal	03	per pound.
150 bushels charcoal	25	per bushel.
24 oil cans, brass	25	each.
50 silver calls	2 95	each.
3 brass drums	01	each.
8 tenor drums	5 50	each.
6 brass drum-heads	01	each.
16 tenor drum-heads	75	each.
5 forges, complete	40 00	each.
200 sheets felt	50	per sheet.
50 bundles flags	20	per bundle.
20 Ohio grindstones, 120 pounds each, mounted	8 00	each.
10 sets truss hoops	50	per set.
500 fishing hooks	1 00	per 100.
350 leg irons	2 50	each.
350 hand-irons	1 50	each.
10 stake-irons	1 00	each.
100 sail knives	20	each.
10 hollowing knives	50	each.
5 rounding knives	50	each.
60 shoe-knives	10	each.
200 fishing lines, 240 feet each	40	each.
50 log lines	1 00	each.
50 barrels Bold Mountain lime	1 00	per barrel.
100 chalk lines	10	each.
100 jars chloride lime, in 20-pound jars	1 50	per jar.
12 60-inch glasses	60	each.
500 pounds mercury, in flasks	75	per pound.
48 hammer handles	25	each.
48 sledge handles	25	each.

48	file handles	\$0 10	each.
175	pounds anti-attraction metal	20	per pound.
500	pounds oat meal	02	per pound.
800	pounds hemp packing	30	per pound.
10	tallow kettles	50	each.
300	pounds cotton packing	25	per pound.
3	barrels cement	1 25	per barrel.
50	pounds ground glass	01	per pound.
144	glasses for water gauges	50	each.
100	pounds black lead, pulverized	06	per pound.
100	pounds emery, assorted	10	per pound.
30	reams emery cloth	20 00	per ream.
5,000	pounds cotton-waste wiping stuff	30	per pound.
50	pounds pulverized sulphur	03	per pound.
20	pounds rotten-stone	06	per pound.
50	pounds soapstone, pulverized	03	per pound.
10	tube expanders, such as may be required	10	each.
10	pounds worsted yarn	1 50	per pound.
75	measuring lines, metallic, 100 feet each	1 00	each.
1,000	seaming needles	2 00	per 100.
1,200	roping needles	2 00	per 100.
100	gallons neat's-foot oil	20	per gallon.
30	barrels tar-oil	25 00	per barrel.
10	block planes	50	each.
400	mounted palms, sewing	55	each.
100	mounted palms, roping	60	each.
30	wooden pumps	50	each.
20	life-preservers	1 75	each.
40	pairs pincers	50	per pair.
40	rigging screws	3 00	each.
12	seines, of tarred flax, 80 fathoms, with bag and sinkers, complete	75 00	each.
5	tinnern's stakes	1 00	each.
50	screwdrivers	40	each.
10	steelyards	50	each.
20	sheep-shears	50	each.
40	barrels coal-tar	2 50	per barrel.
1,000	galvanized iron thimbles	06	each.
200	pounds tallow arming for leads	12	per pound.
10	iron bench vises	10	each.
20	iron hand vises	10	each.
100	pounds soft solder	30	per pound.
24	locomotive squirt cans, brass, 1 quart	10	each.
10	Grien's salinometers	10	each.
100	pounds gum shellac	75	per pound.
2	high-grade thermometers, per pattern	2 00	each.
5	indicator springs	50	each.
6	oil cups	10	each.
120	saline hydrometers	80	each.
120	thermometers for salinometers, per pattern ...	1 25	each.
60	thermometers for engine-rooms	1 10	each.
6	steam gauges, 6-inch, such as may be required	15 00	each.
6	steam gauges, 8-inch, such as may be required	20 00	each.
1	steam-pump, No. 1, to discharge 12 gallons per minute	100 00	each.

1 steam-pump, No. 2, to discharge 40 gallons per minute.....	\$150 00	each.
1 steam-pump, No. 3, to discharge 80 gallons per minute.....	350 00	each.
1 steam-pump, No. 4, to discharge 120 gallons per minute.....	100 00	each.
4 barrels turmeric, say, 800 pounds.....	06½	per pound.
100 pounds soda ash.....	03	per pound.
75 brass squirt cans.....	25	each.
1 gallon watchmaker's oil.....	3 00	per gallon.
10 reams crocus cloth.....	50	per ream.
30 pounds steel-wire.....	10	per pound.
200 pounds washers.....	08	per pound.
12 belt awls and punches.....	50	each.
4,000 pounds iron bolts and nuts, assorted, as may be wanted.....	02	per pound.
2,000 pounds joint bolts and nuts, assorted as may be wanted.....	12	per pound.
150 seamless brass tubes, $\frac{3}{8}$ to 3 inch, say, 500 pounds.....	40	per pound.
200 feet brass tubes, from 1 to 2 inch outside diameter, say, 200 pounds.....	10	per pound.
1,000 pounds iron nuts, assorted, sizes and shapes as may be wanted.....	12	per pound.
50 gallons asphaltum varnish.....	1 00	per gallon.
To be delivered as required.		

CORNELIUS BIGELOW, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class S, stationery.

6 pounds refined gum-arabic.....	\$0 06	per pound.
144 blank books, cap size, 1 quire, half-bound, faint lined.....	10	each.
144 blank books, cap size, 2 quires, half-bound, faint lined.....	20	each.
144 blank books, cap size, 3 quires, half-bound, faint lined.....	50	each.
50 letter-books, cap size, 3 quires, half-bound, faint lined.....	20	each.
500 memorandum books, 1 quire thick, bound in leather and loops.....	30	each.
24 engineers' requisition books, printed, per pattern.....	1 00	each.
24 account books, ruled, per pattern.....	50	each.
24 expenditure books, ruled, per pattern.....	20	each.
24 order books, ruled, per pattern.....	30	each.
24 receipt books, ruled, per pattern.....	30	each.
250 sand-boxes, hard wood, best quality.....	05	each.
24 yards tracing cloth, per yard.....	05	per yard.
144 bottles carmine ink, half-pints.....	05	per bottle.
144 bottles black ink, half-pints, Maynard & Noyes.....	20	per bottle.
144 bottles black ink, pints, Maynard & Noyes.....	10	per bottle.
48 papers ink-powders.....	01	per paper.
10 pieces India ink.....	01	per piece.
250 inkstands, glass, and assorted.....	20	each.

6	India ink saucers.....	\$0 01	each.
6	erasers, ivory handles.....	03	each.
00	ivory paper-folders.....	01	each.
44	penknives, four blades, Rogers' best.....	30	each.
24	ivory pounce boxes and pounce.....	08	each.
75	gross steel pens, bands and nibs, assorted....	1 00	per gross.
12	dozen pen-holders, to suit pens.....	1 00	per dozen.
50	dozen best black lead pencils, drawing, and as- sorted, "Faber's".....	1 00	per dozen.
3	dozen "Ligne's" drawing pencils.....	10	per dozen.
5,000	slate pencils, best Rutland....	20	per M.
12	dozen camels' hair pencils.....	10	per dozen.
1	dozen sable hair pencils.....	10	per dozen.
30	reams log paper, per sample.....	5 00	per ream.
50	reams foolscap paper, regulation ruled, per sample.....	1 00	per ream.
50	reams foolscap paper, faint lined, per sample.	3 00	per ream.
75	reams letter paper, faint lined, per sample...	3 00	per ream.
10	reams note paper, faint lined, per sample....	1 00	per ream.
10	reams buff envelope paper, best quality.....	50	per ream.
20	reams red and white blotting paper, best quality	2 00	per ream.
1	ream cartridge paper, best quality.....	1 00	per ream.
1	roll drawing paper, 24 yards, 54 inches wide	1 00	per roll.
25	sheets antiquarian paper, drawing.....	10	per sheet.
200	sheets drawing paper, double elephant.....	20	per sheet.
100	sheets drawing paper, elephant.....	10	per sheet.
50	sheets tracing paper, double elephant.....	10	per sheet.
24	drawing pens.....	01	each.
50	drawing pins.....	01	each.
1	portfolio.....	10	each.
6,000	quills, No. 80.....	15 00	per M.
50	parallel rulers, ebony, 24-inch.....	20	each.
50	round rulers, ebony.....	10	each.
30	flat rulers.....	30	each.
10	pounds prepared rubber, ounce pieces.....	20	per pound.
5	pieces erasive gum.....	20	each.
150	double log slates, hard wood frames.....	1 00	each.
12	single slates, hard wood frames.....	05	each.
6	porcelain slates, 8 by 10.....	05	each.
24	wafer seals, ivory handles.....	05	each.
12	dozen papers black sand, half-pints.....	05	per dozen.
100	Gunter's scales.....	10	each.
250	pieces red tape.....	03	per piece.
50	pieces silk taste, red, white, and blue, assorted	05	per piece.
10	pounds wafers, American.....	10	per pound.
30	pounds best red sealingwax.....	10	per pound.
30,000	self-sealing envelopes, assorted sizes and colors	4 00	per M.
5	reams blank monthly returns, per pattern....	1 00	per ream.
5	reams blank weekly returns, per pattern.....	1 00	per ream.
12	ship's legers for yeomens' use, per pattern...	1 00	each.
12	ship's requisition books, for yeomens' use, per pattern.....	1 50	each.
12	ship's day books, for yeomens' use, per pattern	2 00	each.
To be delivered as required.			

WILLIAM L. SHAKESPEAR, KENT COUNTY, DELAWARE. DATE OF CONTRACT
NOVEMBER 13, 1862.

Class No. 1, white oak logs.

30,000 cubic feet white oak plank stock logs..... \$0 45 per cubic foot.
To be delivered as required.

Class No. 2, white oak keel pieces.

10 pieces white oak keels, each 50 feet long,
sided 16 inches, moulded 18 inches, esti-
mated to contain 1,000 cubic feet..... \$0 69 per cubic foot.
To be delivered as required.

Class No. 3, white oak promiscuous timber.

20,000 cubic feet white oak curve timber..... \$0 49 per cubic foot.
10 pieces white oak timber, each 18 feet long, to
work 13 inches square..... 49 per cubic foot.
10 pieces white oak timber, each 14 feet long, to
work 9 by 18 inches..... 49 per cubic foot.
10 pieces white oak timber, each 20 feet long, to
work 7 by 16 inches, estimated to contain
510 cubic feet..... 49 per cubic foot.
To be delivered as required.

Class No. 4, white oak plank.

5,000 board feet, 1-inch white oak boards..... \$30 00 per M feet.
2,000 board feet, 1 $\frac{1}{4}$ -inch white oak plank..... 30 00 per M feet.
2,000 board feet, 1 $\frac{1}{2}$ -inch white oak plank..... 30 00 per M feet.
3,000 board feet, 2-inch white oak plank..... 35 00 per M feet.
3,000 board feet, 2 $\frac{3}{4}$ -inch white oak plank..... 35 00 per M feet.
20,000 board feet, 3-inch white oak plank..... 40 00 per M feet.
30,000 board feet, 3 $\frac{1}{2}$ -inch white oak plank..... 40 00 per M feet.
100,000 board feet, 4-inch white oak plank..... 40 00 per M feet.
80,000 board feet, 4 $\frac{1}{2}$ -inch white oak plank..... 40 00 per M feet.
70,000 board feet, 5-inch white oak plank..... 40 00 per M feet.
130,000 board feet, 5 $\frac{1}{2}$ -inch white oak plank..... 40 00 per M feet.
100,000 board feet, 6-inch white oak plank..... 40 00 per M feet.
80,000 board feet, 6 $\frac{1}{2}$ -inch white oak plank..... 40 00 per M feet.
100,000 board feet, 7-inch white oak plank..... 40 00 per M feet.
16,000 board feet, 7 $\frac{1}{2}$ -inch white oak plank..... 40 00 per M feet.
50,000 board feet, 8-inch white oak plank..... 40 00 per M feet.
20,000 board feet, 9-inch white oak plank..... 40 00 per M feet.

To be delivered as required.

Class No. 6, yellow pine plank stock logs.

30,000 cubic feet yellow pine plank stock logs.... \$0 48 per cubic foot.
To be delivered as required.

Class No. 7, yellow pine beams.

15,000 cubic feet yellow pine beams..... \$0 70 per cubic foot.
To be delivered as required.

GEORGE W. BROWN ELLSWORTH, MAINE DATE OF CONTRACT NOVEMBER
18, 1862.

Class No. 8, yellow pine mast and spar timber.

12 pieces, each 53 feet long, to be hewed 16 inches square.....	} Estimated to contain 4,950 cubic feet, per cubic foot.	} \$0 95
12 pieces, each 50 feet long, to be hewed 16 inches square.....		
12 pieces, each 48 feet long, to be hewed 16 inches square.....		
12 pieces, each 60 feet long, to be hewed 18 by 22 inches square..		

To be delivered as required.

WESLEY SMITH, NEW YORK. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 10, white pine mast and spar timber.

10 white pine mast sticks.....	\$210 00	per stick.
10 white pine mast and yard sticks.....	145 00	per stick.

To be delivered as required.

LEWIS THOMPSON & CO., PHILADELPHIA. DATE OF CONTRACT NOVEMBER
13, 1862.

Class No. 11, white pine logs, plank, boards, &c.

500 cubic feet white pine logs.....	\$0 20	per cubic foot.
47,000 board feet, $\frac{5}{8}$ to 1-inch panel boards, 11 to 24 inches wide.....	35 00	per M feet.
80,000 board feet, $1\frac{1}{4}$ to 4-inch panel plank, 11 to 24 inches wide.....	37 00	per M feet.
80,000 board feet, $\frac{5}{8}$ to 1-inch 1st common boards, 8 inches wide.....	30 00	per M feet.
30,000 board feet, $1\frac{1}{4}$ to 3-inch 1st common plank, 8 inches wide.....	30 00	per M feet.
20,000 board feet, 1-inch 1st common boards, 8 to 18 inches wide.....	30 00	per M feet.
100,000 board feet, 3-inch white pine stage plank..	22 50	per M feet.
30,000 board feet, 4-inch white pine plank, No. 1, 30 to 50 feet long.....	27 50	per M feet.

To be delivered as required.

Class No. 13, ash logs and plank.

4,000 board feet, 1-inch ash boards.....	\$32 50	per M feet.
43,000 board feet, $1\frac{1}{4}$ to 4-inch ash plank	35 00	per M feet.
2,000 board feet, 1 to $2\frac{1}{2}$ inch ash plank	35 00	per M feet.

To be delivered as required.

LEWIS O. SOUTHMAYD, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 14, white ash oars.

13,000 feet white ash oars, from 14 to 18 feet long	\$61 00	per M feet.
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To be delivered as required,

JAMES BIGLER, NEWBURG, NEW YORK. DATE OF CONTRACT NOVEMBER
25, 1862.

Class No. 15, white-heart hickory capstan bars.

100 white-heart hickory bars, from 12 to 14 feet
long..... \$2 00 each.

To be delivered as required.

LEWIS THOMPSON & Co., PHILADELPHIA. DATE OF CONTRACT NOVEMBER
13, 1862.

Class No. 16, mahogany, black walnut, cherry, &c.

2,500 board feet mahogany, from 3½ to 7 inches thick, from 9 to 10 feet long.....	\$160 00	per M feet.
1 piece mahogany, 12 feet long, 18 inches square	160 00	per M feet.
500 board feet, ⅝ to 1 inch mahogany boards....	160 00	per M feet.
200 board feet, 8-inch square mahogany.....	160 00	per M feet.
1,000 board feet, 1 to 4 inches mahogany plank..	160 00	per M feet.
500 board feet, ⅝ to 1 inch black walnut boards	60 00	per M feet.
300 board feet, 1½ to 4 inch black walnut plank	60 00	per M feet.
500 board feet, ⅝ to 1 inch cherry boards.....	60 00	per M feet.
500 board feet, 1½ to 4 inch cherry plank.....	60 00	per M feet.

To be delivered as required.

LEWIS O. SOUTHMAYD, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 17, cypress, cedar boards, &c.

15,000 board feet, 1-inch cedar boards.....	\$32 00	per M feet.
5,000 board feet, 1½-inch cedar boards.....	32 00	per M feet.
200 board feet, 1-inch cypress boards.....	45 00	per M feet.

To be delivered as required.

WILLIAM S. DOUGHTON, CAMDEN, NEW JERSEY. DATE OF CONTRACT NO-
VEMBER 13, 1862.

Class No. 18, locust timber.

2,500 cubic feet yellow locust timber..... \$0 98 per cubic foot.

To be delivered as required.

GEORGE W. BROWN, ELLSWORTH, MAINE. DATE OF CONTRACT NOVEMBER
18, 1862.

Class No. 20, black spruce spar timber.

10 pieces black spruce, each 55 feet long.....	\$12 00	per piece.
10 pieces black spruce, each 60 feet long.....	15 00	per piece.
6 pieces black spruce, each 65 feet long.....	25 00	per piece.
6 pieces black spruce, each 70 feet long.....	30 00	per piece.
1,500 inches spruce spars, to average 6½ inches....	34 00	per inch.

To be delivered as required.

RICHARD NICHOLS AND TULLICH E. NICHOLS, NEW YORK. DATE OF CONTRACT
NOVEMBER 11, 1862.

Class No. 22, lignumvitæ.

6 tons lignumvitæ, 3 to 5 inches diameter....	\$30 00	per ton.
6 tons lignumvitæ, 5 to 9 inches diameter....	40 00	per ton.
6 tons lignumvitæ, 9 to 15 inches diameter....	70 00	per ton.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 25, iron—round, flat, square, &c.

500 pounds round iron, $\frac{3}{16}$ -inch.....	\$0 06	per pound.
500 pounds round iron, $\frac{1}{4}$ -inch.....	06	per pound.
500 pounds round iron, $\frac{5}{16}$ -inch.....	06	per pound.
1,000 pounds round iron, $\frac{3}{8}$ -inch.....	04	per pound.
1,000 pounds round iron, $\frac{7}{16}$ -inch.....	04	per pound.
150,000 pounds round iron, assorted, from $\frac{1}{2}$ to 3 inches ..	06	per pound.
25,000 pounds round iron, assorted, from $3\frac{1}{4}$ to 4 inches ..	01	per pound.
8,000 pounds round iron, assorted, from $4\frac{1}{4}$ to $4\frac{1}{2}$ inches ..	00 $\frac{1}{2}$	per pound.
4,000 pounds round iron, assorted, from $4\frac{3}{4}$ to 5 inches ..	00 $\frac{1}{2}$	per pound.
2,000 pounds round iron, assorted, from $5\frac{1}{4}$ to $5\frac{1}{2}$ inches ..	00 $\frac{1}{2}$	per pound.
2,000 pounds round iron, assorted, from $5\frac{3}{4}$ to 6 inches ..	00 $\frac{1}{2}$	per pound.
500 pounds square iron, $\frac{1}{4}$ -inch.....	06	per pound.
500 pounds square iron, $\frac{5}{16}$ -inch.....	06	per pound.
500 pounds square iron, $\frac{3}{8}$ -inch.....	04	per pound.
500 pounds square iron, $\frac{7}{16}$ -inch.....	04	per pound.
15,000 pounds square iron, assorted, from $\frac{1}{2}$ to 3 inches ..	04	per pound.
3,000 pounds square iron, assorted, from $3\frac{1}{4}$ to $3\frac{1}{2}$ inches ..	01	per pound.
2,000 pounds square iron, assorted, from $3\frac{3}{4}$ to 4 inches.....	00 $\frac{1}{2}$	per pound.
2,000 pounds square iron, assorted, from $4\frac{1}{4}$ to $4\frac{1}{2}$ inches.....	00 $\frac{1}{2}$	per pound.
2,000 pounds square iron, assorted, from $4\frac{3}{4}$ to 5 inches ..	00 $\frac{1}{2}$	per pound.
1,000 pounds square iron, assorted, from $5\frac{1}{4}$ to $5\frac{1}{2}$ inches ..	00 $\frac{1}{2}$	per pound.
30,000 pounds flat iron, assorted, from $\frac{1}{4}$ to 2 inches thick, from 1 to 12 inches wide.....	06	per pound.
4,000 pounds flat timber iron, as required.....	06	per pound.
140 pounds spiked rod iron.....	01	per pound.
500 pounds sheet iron, Nos. 12 to 20	0 $\frac{1}{2}$	per pound.
700 pounds sheet iron, Nos. 14 to 28	07	per pound.
1,000 pounds saucer-rings, from $\frac{1}{2}$ to $1\frac{3}{4}$ inch....	12	per pound.

To be delivered as required.

Class No. 26, steel.

1,000 pounds best square steel, from $\frac{1}{2}$ to 3 inches	\$0 24	per pound.
300 pounds best round steel, from $\frac{1}{2}$ to 1 inch...	10	per pound.
500 pounds best flat steel, from $1\frac{1}{2}$ to 4 inches wide from $\frac{1}{4}$ to $\frac{1}{2}$ inch thick.....	28	per pound.
500 pounds octagon steel, from $\frac{1}{2}$ to 1 inch.....	18	per pound.
500 pounds cast steel.....	00 $\frac{1}{2}$	per pound.

To be delivered as required.

Class No. 27, iron spikes.

5,000 pounds iron cut spikes, 4 to 9 inches.....	\$0 00 $\frac{1}{4}$	per pound.
2,000 pounds iron cut spikes, 4 to 8 inches.....	06	per pound.
20,000 pounds wrought-iron spikes, 4 to 6 inches	06	per pound.
10,000 pounds wrought-iron spikes, $6\frac{1}{2}$ to 9 inches	08 $\frac{1}{2}$	per pound.

To be delivered as required.

Class No. 28, iron nails.

2,000 pounds wrought-iron nails, 6 <i>d.</i> to 3 <i>d.</i>	\$0 01	per pound.
10,000 pounds iron cut nails, 3 <i>d.</i> to 40 <i>d.</i>	05 $\frac{1}{2}$	per pound.
250 pounds clout-nails, $\frac{1}{2}$ to $1\frac{1}{2}$ inch.....	10	per pound.
1,000 pounds finishing nails, 1 to 2 inch.....	10	per pound.
500 pounds malleable iron nails.....	00 $\frac{1}{2}$	per pound.

To be delivered as required.

B. HAXITON, NEW YORK. DATE OF CONTRACT NOVEMBER 10, 1862.

Class No. 30, lead.

10,000 pounds pig lead.....	\$0 07 $\frac{3}{4}$	per pound.
25,000 pounds lead pipe.....	10	per pound.
250 pounds sheet lead.....	01	per pound.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 31, zinc, tin, &c.

1,500 pounds sheet zinc.....	\$0 12	per pound.
25,000 pounds Banca tin.....	42	per pound.
200 boxes XX sheet tin.....	20 00	per box.
110 boxes X sheet tin.....	16 00	per box.

To be delivered as required.

Class No. 33, hardware.

10 dozen brass plate buttons.....	\$1 00	per dozen.
3 dozen brass flat buttons.....	50	per dozen.
1 dozen brass flush-bolts, $\frac{1}{2}$ by 3 inches.....	50	per dozen.
8 dozen brass flush-bolts, $\frac{1}{2}$ by 2 inches.....	40	per dozen.
8 dozen brass flush-bolts, 2 by 5 inches.....	3 00	per dozen.
4 bell segments.....	1 00	each.
209 pounds copper burrs.....	60	per pound.
6 gross japanned buttons, for furniture.....	40	per gross.

4 bundles hoop iron, (448 pounds).....	\$0 10	per pound.
12 dozen brass cupboard catches, porcelain knobs	1 50	per dozen.
2 dozen socket casters, 2-inch.....	6 00	per dozen.
2 dozen sofa casters, extra heavy.....	3 00	per dozen.
400 feet jack-chains, Nos. 9 to 12.....	06	per foot.
4 dozen brass plate escutcheons.....	50	per dozen.
6 dozen brass thread escutcheons.....	25	per dozen.
4 dozen silver-plated escutcheons.....	75	per dozen.
4 dozen porcelain escutcheons.....	50	per dozen.
2 dozen brass table fastenings.....	3 00	per dozen.
3 dozen brass flush hooks and eyes.....	70	per dozen.
6 dozen brass coat and hat hooks, porcelain knobs.....	2 75	per dozen.
8 dozen brass cabin-door hooks, extra.....	4 00	per dozen.
24 dozen brass pantry hooks.....	75	per dozen.
3 dozen brass lamp hooks.....	1 00	per dozen.
12 dozen brass drawer handles.....	1 50	per dozen.
6 dozen iron coat and hat hooks.....	30	per dozen.
1 dozen iron lamp hooks.....	40	per dozen.
6 dozen iron joint hasps.....	1 50	per dozen.
6 dozen iron drawer handles.....	1 50	per dozen.
110 pairs brass butt hinges, 1½ to 4 inches.....	1 00	per pair.
10 pairs brass slip-pin hinges, 5½ by 6 inches..	1 00	per pair.
48 pairs brass slip-pin hinges, 4½ by 3½ inches..	01	per pair.
48 pairs brass slip-pin hinges, 3½ by 3 inches...	01	per pair.
48 pairs brass slip-pin hinges, 3 by 2½ inches...	01	per pair.
36 pairs brass secretary draw hinges and fastenings, complete.....	10	per pair.
24 pairs brass table hinges, 2 by 4 inches.....	30	per pair.
48 pairs iron butt hinges, 3 inches.....	20	per pair.
48 pairs iron chest hinges, 3 inches.....	35	per pair.
6 dozen brass screw knobs.....	50	per dozen.
12 dozen walnut knobs, ½ to 2 inches.....	10	per dozen.
12 dozen mahogany knobs, ½ to 2 inches.....	10	per dozen.
4 dozen mineral knobs, for locks.....	1 50	per dozen.
4 dozen porcelain knobs, for locks.....	4 00	per dozen.
8 dozen porcelain screw knobs.....	4 00	per dozen.
4 dozen brass mortise locks, with porcelain knobs and furniture, right and left.....	20 00	per dozen.
1 dozen brass sliding door locks, with porcelain knobs and furniture, right and left....	5 00	per dozen.
4 dozen brass upright rimlocks, with porcelain knobs and furniture, right and left....	18 00	per dozen.
6 dozen brass drawer locks, 3 inches.....	5 00	per dozen.
6 dozen brass chest locks, 4 inches.....	4 50	per dozen.
4 dozen brass wardrobe locks, 4 inches.....	5 00	per dozen.
6 dozen brass padlocks, 3 inches.....	9 00	per dozen.
2 dozen brass bookcase locks, 3 inches.....	4 00	per dozen.
2½ dozen iron chest locks, 4 inches.....	2 00	per dozen.
2½ dozen iron drawer locks, 3 inches.....	2 00	per dozen.
5 dozen iron deadlocks, 6 inches.....	3 00	per dozen.
10 dozen iron padlocks, 3 inches.....	3 00	per dozen.
5 iron locker locks.....	50	each.
3 iron door locks.....	0 50	each.
4 dozen iron upright rimlocks, 6 inches, with mineral knobs and reserve bevels....	4 00	per dozen.

pounds escutcheon pins.....	\$0 75	pound.
dozen brass pulleys.....	1 00	per dozen.
dozen brass flush-rings, 2 inches.....	75	per dozen.
pounds copper rivets.....	1 00	per pound.
4 dozen brass screw rings, 1 inch.....	50	per dozen.
2 dozen iron drawer rollers.....	25	per dozen.
10 pounds iron rivets, assorted.....	10	per pound.
6 dozen brass sash springs.....	2 00	per dozen.
4 dozen galvanized sofa springs.....	1 50	per dozen.
343 gross brass screws, $\frac{1}{2}$ to 4 inches, Nos. 3 to 29, per sample.....	3 50	per gross.
240 gross iron screws, $\frac{1}{2}$ to 4 inches, Nos. 3 to 29, per sample.....	1 50	per gross.
5,000 copper tacks, $\frac{1}{2}$ to $1\frac{1}{4}$ inch.....	40	per M.
540 papers copper tacks.....	1 00	per paper.
5,000 iron tacks, 3 to 18 ounces.....	10	per M.
1,000 papers iron tacks.....	00 $\frac{1}{2}$	per paper.
10,000 gimp tacks, $\frac{1}{2}$ inch.....	10	per M.
7,000 scupper nails.....	40	per M.
70 pounds copper boat nails.....	50	per pound.
110 pounds copper wire.....	60	per pound.
1,000 pounds iron wire.....	12	per pound.
6,000 pounds iron 9-inch spikes.....	00 $\frac{1}{2}$	per pound.
5,000 pounds iron 8-inch spikes.....	00 $\frac{1}{2}$	per pound.
200 pounds iron 7-inch spikes.....	00 $\frac{1}{2}$	per pound.
200 pounds 6-inch composition spikes.....	40	per pound.
250 pounds 5-inch composition spikes.....	40	per pound.
1,000 pounds 4-inch composition spikes.....	40	per pound.
2,000 pounds copper nails, from 6d. to 20d.....	50	per pound.
400 pounds copper grating nails.....	01	per pound.
50 pounds copper grating nails, 20d.....	50	per pound.
150 pounds copper grating nails, 10d.....	40	per pound.
200 pounds copper grating nails, 8d.....	50	per pound.
50 pounds copper grating nails, 6d.....	50	per pound.
500 pounds brass, sheet.....	40	per pound.
200 pounds brass wire.....	50	per pound.

To be delivered as required.

Class No. 34, tools for stores, &c.

11 carpenters' adzes.....	\$1 75	each.
2 hollow adzes.....	2 00	each.
12 broadaxes.....	10.	each.
4 wood-axes.....	1 20	each.
2 dozen patent augers.....	6 00	per dozen.
1 dozen brad awls.....	50	per dozen.
$\frac{1}{2}$ dozen wire awls.....	50	per dozen.
2 anvils, (300 pounds).....	10	per pound.
4 braces and bits, (48 bits).....	4 00	each.
4 iron braces and bits.....	1 00	each.
2 brands for ship's name.....	3 00	each.
2 bung-bores, 4 inches.....	4 00	each.
2 tap-bores.....	75	each.
3 steel-tongued bevels.....	75	each.

12 carpenters' compasses	\$50	each.
4 armorers' compasses	10	each.
27 firmer chisels	25	each.
16 socket chisels	75	each.
2 calipers	50	each.
4 calipers, (Smith's)	10	each.
4 calipers	10	each.
2 glaziers' diamonds	5 00	each.
2 sets dies, letters and figures	1 00	each.
4 drills	6 00	each.
2 drills, (stock-press)	62 00	each.
6 files, whipsaw	25	each.
19 files, 14-inch, flat bastard	5 75	each.
19 files, 14-inch, fine flat	6 00	each.
7 files, 14-inch, square	2 60	each.
19 files, 14-inch, half-round	75	each.
2 dozen handsaw files	1 50	per dozen.
8 12-inch three-sided files	01	each.
19 15-inch half-round bastard files	01	each.
4 12-inch rat-tail files	50	each.
7 crosscut files	01	each.
6 fine saw files	01	each.
240 fitches, assorted	04	each.
2 sets copper funnels	3 00	per set
54 nail gimlets	06	each.
9 spike gimlets	10	each.
12 firmer gouges	25	each.
11 socket gouges	25	each.
4 gauges	10	each.
4 hammers, saddlers'	50	each.
8 hammers, rivetting	01	each.
6 hammers, rivetting	50	each.
6 hammers, sledge	1 00	each.
6 hammers, tinnors'	50	each.
32 hammers, claw	50	each.
2 hammers, wrench	75	each.
4 hatchets	75	each.
10 sets caulking-irons	1 50	per set.
2 marking-irons	10	each.
2 beck-irons	1 00	each.
4 flagging-irons	10	each.
8 drawing-knives	50	each.
2 hollow knives	50	each.
2 rounding-knives	50	each.
4 pallet-knives	50	each.
4 putty-knives	25	each.
2 copper glue-kettles	2 00	each.
3 pitch-kettles	1 50	each.
3 pitch-ladles	1 50	each.
2 tape-measurers	75	each.
2 sets grooving planes	50	per set.
2 block planes	10	each.
5 smoothing planes	50	each.
2 rabbit planes	20	each.
4 long-jointer planes	1 00	each.
8 short-jointer planes	75	each.

6 jackplanes	\$0 60	each.
4 beading planes	10	each.
6 moulding planes	10	each.
2 sets plough planes	3 00	per set.
2 pairs match planes	10	per pair.
2 pincers	50	each.
10 plyers	50	each.
4 screw plates and taps and dies, large	50	each.
4 screw plates and taps and dies, small	5 00	each.
11 wood-rasps	50	each.
6 two-feet rules	50	each.
8 screwdrivers	30	each.
2 pairs steelyards	50	each.
2 whipsaws	25	each.
18 handsaws	75	each.
4 crosscut saws	3 00	each.
6 wood saws	50	each.
2 sash saws	50	each.
2 panel saws	40	each.
4 compass saws	30	each.
2 keyhole saws and pads	40	each.
2 tenon saws	50	each.
2 dovetail saws	40	each.
6 hacksaws	40	each.
2 jackscrews	5 00	each.
2 canshaves	10	each.
6 spokeshaves	50	each.
2 bucketshaves	01	each.
1 inshave	50	each.
4 oil-stones	10	each.
9 clamp-screws, wood	30	each.
2 bench-screws	30	each.
2 grindstones, mounted	6 00	each.
4 trying-squares	30	each.
4 iron squares	50	each.
2 saw-sets	30	each.
3 pairs hand-shears	01	each.
2 tinnerns' shears	2 00	each.
6 sheep-shears	25	each.
2 tinnerns' edging-stakes	01	each.
2 iron stakes	2 00	each.
2 planishing-stakes	01	each.
2 bench vices, large	01	each.
2 bench vices, (20 pounds)	01	each.
2 bench vices	14 00	each.
4 hand vices	50	each.
2 shifting wrenches	2 00	each.

To be delivered as required.

Class No. 36, white-lead.

14, 400 pounds white-lead, in oil. \$0 09 $\frac{1}{4}$ per pound.

To be delivered as required.

JOHN W. SIMES, JR., AND WILLIAM V. SIMES, PHILADELPHIA. DATE OF CONTRACT NOVEMBER 13, 1862.

Class No. 37, zinc, paint, &c.

10, 850 pounds zinc paint, in oil	\$0 07	per pound.
250 pounds zinc, French, dry	00 $\frac{1}{4}$	per pound.
To be delivered as required.		

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 38, colored paints, dryer, &c.

1, 050 pounds red-lead	\$0 10	per pound.
5, 000 pounds yellow ochre	03	per pound.
1, 200 pounds black paint	07	per pound.
1, 000 pounds lampblack	03	per pound.
1, 000 pounds litharge	01	per pound.
250 pounds chrome green	25	per pound.
20 pounds gum shellac	75	per pound.
100 pounds sugar of lead	01	per pound.
104 pounds chrome yellow	25	per pound.
42 pounds Chinese vermilion	10	per pound.
10 pounds Prussian blue	1 99	per pound.
20 pounds ultramarine	50	per pound.
210 pounds Japan dryer	10	per pound.
3, 000 pounds whiting	02	per pound.
600 pounds Prince's metallic paint	03	per pound.
25 pounds Indian red paint	01	per pound.
To be delivered as required.		

Class No. 39, linseed oil, turpentine, varnish, &c.

3, 000 gallons linseed oil, raw	\$1 15	per gallon.
100 gallons linseed oil, boiled	1 25	per gallon.
585 gallons spirits turpentine	2 90	per gallon.
50 gallons outside varnish	10 00	per gallon.
50 gallons inside varnish	10	per gallon.
1, 500 gallons Emory's naval varnish	30	per gallon.
30 gallons Demar varnish	4 00	per gallon.
3 gallons copal varnish	5 00	per gallon.
20 gallons spirits of wine	1 00	per gallon.
To be delivered as required.		

JOHN W. SIMES, JR., AND WILLIAM V. SIMES, PHILADELPHIA. DATE OF CONTRACT NOVEMBER 13, 1862.

Class No. 41, glass.

400 feet glass, double thick, 8 by 10 inches	\$4 00	per 100 feet.
300 feet glass, double thick, 10 by 12 inches	9 80	per 100 feet.
300 feet glass, double thick, 10 by 14 inches	9 80	per 100 feet.
300 feet glass, double thick, 10 by 15 inches	9 80	per 100 feet.
300 feet glass, double thick, 10 by 16 inches	10 50	per 100 feet.
300 feet glass, double thick, 12 by 14 inches	10 80	per 100 feet.

100 feet glass, double thick, 12 by 16 inches	\$10 50	per 100 feet.
300 feet glass, double thick, 12 by 18 inches	10 50	per 100 feet.
100 feet glass, double thick, 14 by 20 inches	10 90	per 100 feet.
100 feet glass, double thick, 20 by 24 inches	12 00	per 100 feet.
72 port glasses, 6½ inches diameter	80	each.
6 magazine lenses, 12 inches diameter	4 75	each.
48 patent deck lights, 2¼ by 10¾ inches	80	per light.
2 air-port lights	80	each.
6 glasses for lanterns	01	each.
4 patent lights	80	each.

To be delivered as required.

H. J. COLLINS & Co., NEW YORK. DATE OF CONTRACT DECEMBER 23, 1862.

Class No. 43, pitch, rosin, &c.

153 barrels pitch, containing 300 pounds each	\$15 00	per barrel.
25 barrels tar, containing 30 gallons each	16 00	per barrel.
2 barrels rosin, containing 300 pounds each	10 00	per barrel.

To be delivered as required.

H. J. COLLINS & Co., NEW YORK. DATE OF CONTRACT NOVEMBER 8, 1862.

Class No. 44, fish oil, tallow, soap, &c.

100 gallons fish oil	\$1 30	per gallon.
3 gallons sweet oil	1 00	per gallon.
6,000 pounds tallow	12	per pound.
200 pounds castile soap	10	per pound.
31 gallons soft soap	05	per gallon.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class No. 46, miscellaneous dry goods, hair cloth, and ship-chandlery, for construction.

3 pounds sal ammoniac	\$0 10	per pound.
75 pounds mop yarn	60	per pound.
15 reams sandpaper	3 00	per ream.
72 yards black gimp	06	per yard.
24 yards black cloth	2 50	per yard.
50 yards linen hair cloth, 16 to 34 inches	10	per yard.
4 pieces girting	50	per piece.
4 gross black tufts	25	per gross.
200 pounds cotton	50	per pound.
10 yards green baize	1 00	per yard.
50 yards fearnought	50	per yard.
60 sheets felt for air-ports	1 00	per sheet.
4 pounds glue	30	per pound.
11 horn lanterns	1 00	each.
4 chalk-lines	25	each.
16 barrels slack lime	1 25	per barrel.
18 pounds lampwick yarn	50	per pound.

3 gross lampwicks, wove.....	\$1 00	per gross.
14 lamp chimneys	10	each.
10 lamp reflectors	10	each.
32 life-preservers	2 00	each.
7 jars chloride of lime, 20 pounds to the jar	1 50	each.
7 pitch-mops	1 00	each.
200 hickory brooms	20	each.
500 corn brooms	40	each.
2 paint-stones and muller	2 00	each.
2 bundles of flags	50	each.
2 sets truss hoops	50	each.
6 pounds borax	50	per pound.
130 bath bricks	10	each.
12 skeins catgut	1 00	per skein.
8 pounds crocus martis	10	per pound.
4 pounds brass solder	1 00	per pound.
28 pounds pewter solder	50	per pound.
12 pounds emery	10	per pound.
6 pounds rottenstone	10	per pound.
To be delivered as required.		

Class A, iron rivets for boilers.

1, 000 pounds boiler iron rivets	\$0 10	per pound.
8, 000 pounds boiler iron, best charcoal, from $\frac{1}{8}$ to $\frac{1}{2}$ inch thick	06 $\frac{7}{8}$	per pound.
To be delivered as required.		

Class B, pig iron.

10 tons pig iron	\$28 75	per ton.
To be delivered as required.		

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class C, lard oil.

1, 500 gallons lard oil	\$0 95	per gallon.
To be delivered as required.		

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class D, boiler felting.

5, 000 square feet boiler felting	\$1 40	per foot.
To be delivered as required.		

HENRY D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class E, gum packing.

1, 500 pounds gum packing	\$1 23	per pound.
2, 000 pounds hemp packing	27	per pound.
300 pounds cotton packing	25	per pound.
1, 000 pounds sheet rubber	25	per pound.
1, 000 pounds Tuck's packing	75	per pound.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class F, miscellaneous tools for engineers.

50 hydrometers	\$1 25	each.
50 thermometers	1 25	each.
150 shovels, steel, coal	1 00	each.
12 scale beams	5 00	each.
25 soldering-irons	1 00	each.
25 spring balances	1 00	each.
200 files, assorted	75	each.

To be delivered as required.

Class G, cooking utensils, stoves, &c.

3 gridirons	\$0 75	each.
3 griddles	50	each.
2 fishkettles	2 50	each.
4 iron teakettles	1 00	each.
3 iron ladles	75	each.
4 fryingpans	50	each.
5 bakepans	40	each.
10 stewpans	50	each.
1 iron pot	1 50	each.
2 iron pokers	50	each.
3 tinder-boxes and steels	01	each.
1 waffle-iron	1 00	each.
14 barrels charcoal	50	per barrel.
2 tormentors	1 00	each.
2 candlesticks, brass	20	each.

To be delivered as required.

WILLIAM BRAND, NEW YORK. DATE OF CONTRACT NOVEMBER 11, 1862.

Class H, flax canvas.

100 bolts No. 1 flax canvas	\$24 30	per bolt.
100 bolts No. 2 flax canvas	29 50	per bolt.
150 bolts No. 3 flax canvas	27 00	per bolt.
10 bolts No. 4 flax canvas	28 00	per bolt.
5 bolts No. 5 flax canvas	20 00	per bolt.
100 bolts No. 6 flax canvas	20 00	per bolt.
5 bolts No. 7 flax canvas	12 00	per bolt.
5 bolts No. 8 flax canvas	11 00	per bolt.
5 bolts light ravens duck	8 00	per bolt.
100 yards flax coal bagging	50	per yard.

To be delivered as required.

FOX & POLHEMUS, NEW YORK. DATE OF CONTRACT DECEMBER 30, 1862.

Class I, cotton canvas.

5 bolts No. 1 cotton canvas	\$43 00	per bolt.
5 bolts No. 2 cotton canvas	42 00	per bolt.
10 bolts No. 3 cotton canvas	41 00	per bolt.

100 bolts No. 4 cotton canvas	\$40 00	per bolt
100 bolts No. 5 cotton canvas	38 00	per bolt.
100 bolts No. 6 cotton canvas	36 00	per bolt.
5 bolts No. 7 cotton canvas	35 00	per bolt.
50 bolts No. 8 cotton canvas	32 00	per bolt.
5 bolts No. 9 cotton canvas	30 00	per bolt.
5 bolts No. 10 cotton canvas	28 00	per bolt.
5 bolts cot stuff, 30 inches wide	52 00	per bolt.
10 pounds hammock stuff, 42 inches wide	100 00	per bolt.
10 pounds bag stuff, 42 inches wide	75 00	per bolt.

To be delivered as required.

H. J. COLLINS & Co., NEW YORK. DATE OF CONTRACT NOVEMBER 8, 1862.

Class J, twine.

25 pounds flax sewing twine	\$0 30	per pound.
200 pounds cotton sewing twine	86	per pound.
10 pounds tufting twine	10	per pound.
10 pounds spring twine	10	per pound.

To be delivered as required.

C. W. SCOFIELD, NEW YORK. DATE OF CONTRACT NOVEMBER 20, 1862.

Class K, leather.

50 sides rigging leather, 10 pounds each, estimated at 500 pounds	\$0 34	per pound.
50 sides bellows leather, each side not less than 6 pounds, (300 pounds)	40	per pound.
90 pounds pump leather	33	per pound.
3 skins buff leather	50	per skin.

To be delivered as required.

Class L, hose.

600 feet best leather copper-riveted hose	\$0 80	per foot.
500 feet rubber hose	50	per foot.
650 feet gutta-percha hose	01	per foot.
124 feet suction hose	1 75	per foot.

To be delivered as required.

Class M, brushes.

65 whitewash brushes	\$0 50	each.
4 dusting brushes	35	each.
12 varnish brushes, assorted	50	each.
55 paint brushes	60	each.
9 sash tool brushes	20	each.
10 camel's hair brushes	01	each.

To be delivered as required.

H. J. COLLINS & Co., NEW YORK. DATE OF CONTRACT NOVEMBER 8, 1862.

Class N, bunting, dry goods, &c.

10 pieces 18-inch red bunting.....	\$8 50	per piece.
10 pieces 18-inch blue bunting.....	8 50	per piece.
10 pieces 18-inch white bunting.....	8 50	per piece.
2 pieces 18-inch yellow bunting.....	5 00	per piece.
2 pieces 18-inch green bunting.....	5 00	per piece.
5 rolls worsted binding.....	50	per roll.
50 yards black twilled muslin, $\frac{7}{8}$ yard wide.....	12	per yard.
100 yards white muslin, $\frac{7}{8}$ yard wide, unbleached...	10	per yard.
1 gross white cotton, ("Coates's")—300 yards per spool.....	75	each.
12 yards enamelled cloth, black, 50 inches wide...	1 00	per yard.
10 pounds linen thread, assorted colors.....	3 00	per pound.
300 pounds white curled hair.....	60	per pound.
12 gross japanned buttons.....	10	per pound.
50 pounds cotton cord.....	20	per pound.

To be delivered as required.

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class Q, sperm oil.

1,890 gallons sperm oil.....	\$1 65	per gallon.
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To be delivered as required.

CHARLES M. GHRISKY, PHILADELPHIA. DATE OF CONTRACT NOVEMBER
12, 1862.

Class R, ship-chandlery for stores and equipments.

50 globe lamps, with fenders.....	\$2 00	each.
25 swivel lamps.....	1 00	each.
200 lamp chimneys.....	06	each.
100 pounds lampwick.....	75	per pound.
10,000 pounds cotton waste.....	18	per pound.
20 dozen lampwicks, circular.....	10	per dozen.
100 pounds emery, assorted.....	15	per pound.
15 reams emery cloth.....	25 00	per ream.
100 pounds beeswax.....	45	per pound.
58 pounds sash cord, (400 fathoms).....	25	per pound.
4 sail hooks.....	20	each.
4 measuring lines, metallic, 100 feet.....	6 50	each.
200 seaming needles, assorted.....	1 50	per 100.
200 four-thread needles.....	2 50	per 100.
100 eight-thread needles.....	2 00	per 100.
100 ten-thread needles.....	4 50	per 100.
5 mounted palms, sewing.....	80	each.
5 mounted palms, roping.....	90	each.
30 sail-prickers.....	45	each.
4 sailmakers' brass squares.....	1 00	each.
6 hand lead-lines.....	1 50	each.
3 log-lines.....	5 50	each.
25 fishing-lines, 240 feet.....	60	each.

2 papers sewing needles.....	\$0 05	per paper.
1 copper pump, with joints.....	12 00	each.
2 wood pumps.....	1 00	each.
4 hand trumpets.....	75	each.

To be delivered as required.

WILLIAM A. WHEELER, NEW YORK. DATE OF CONTRACT NOVEMBER 19, 1862.

Class S, stationery.

1 account book, per sample.....	\$1 50	each.
2 blank books, cap size, 2 quires, $\frac{1}{2}$ -bound, faint-lined.....	40	each.
1 expense book.....	1 50	each.
1 receipt book.....	1 50	each.
1 letter book.....	50	each.
1 order book.....	1 50	each.
6 memorandum books, 1 quire thick, $\frac{1}{2}$ -bound, with loops.....	12	each.
6 books, watch and station bills, as per sample...	38	each.
2 books, blank station bills, per sample.....	38	each.
30 blank monthly returns, per sample.....	02	each.
90 blank weekly returns, per sample.....	02	each.
10 quires blank requisitions, daily expenditures, per sample.....	45	per quire.
2 sand-boxes, hard-wood.....	08	each.
1 bottle carmine ink.....	20	each.
3 bottles black ink, pints.....	15	each.
6 papers ink powder, black.....	01	each.
4 pieces India-rubber.....	05	each.
2 inkstands, per sample.....	30	each.
2 ivory paper-folders.....	20	each.
6 penknives, 4 blades, Congress.....	1 00	each.
1 ivory pounce-box and pounce.....	10	each.
2 gross steel pens, "Levy's" commercial.....	1 00	per gross.
1 dozen penholders.....	25	per dozen.
2 dozen drawing pencils, best "Faber's," black	45	per dozen.
100 slate pencils, best white.....	30	per 100.
$\frac{1}{2}$ dozen camel's hair pencils.....	12	per dozen.
3 quires log paper.....	50	per quire.
$\frac{1}{2}$ ream foolscap paper, faint-lined.....	3 00	per ream.
$\frac{1}{2}$ ream letter paper.....	3 00	per ream.
$\frac{1}{2}$ ream envelope paper.....	3 50	per ream.
$\frac{1}{4}$ ream blotting paper.....	4 00	per ream.
3 sheets drawing paper, double elephant, hot-pressed	30	per sheet.
200 quills.....	60	per 100.
1 parallel ruler, ebony, 24 inches.....	30	each.
1 round ruler, ebony.....	20	each.
1 rolling ruller.....	25	each.
2 double log slates, hard-wood frames.....	1 00	each.
3 single log slates, hard-wood frames.....	10	each.
1 porcelain slate, 8 by 10 inches.....	25	each.
1 wafer seal, per sample.....	1 50	each.
6 papers black sand, $\frac{1}{2}$ pints.....	03	each.
9 Gunter's scales.....	30	each.
6 pieces red tape.....	02	each.

3 pieces silk taste.....	\$0 18	each.
$\frac{1}{2}$ pound American wafers.....	30	per pound.
1 pound sealingwax.....	60	per pound.

To be delivered as required.

ROBERT McNEIL, PHILADELPHIA. DATE OF CONTRACT NOVEMBER 13, 1862.

Class T, firewood.

10 cords oak firewood.....	\$5 00	per cord.
10 cords pine firewood	4 50	per cord.

To be delivered as required.

JOSEPH L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class B, pig-tron.

100 tons No. 1 American charcoal pig iron	\$39 50	per ton.
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To be delivered as required.

KING & BURCHELL, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 13, 1862.

Class C, lard oil.

500 gallons best quality lard oil, for lubricating....	\$0 92	per gallon.
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To be delivered as required.

WILLIAM E. COFFIN, BOSTON. DATE OF CONTRACT NOVEMBER 11, 1862.

Class D, boiler felting.

1, 000 yards best quality felt, 1 inch thick.....	\$0 75	per square yd.
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To be delivered as required.

H. D. STOVER. DATE OF CONTRACT NOVEMBER 15, 1862.

Class E, gum packing.

550 pounds of pure gum for foot valves, from $\frac{1}{2}$ to 1 inch thick, as ordered	\$0 80	per pound.
3, 750 pounds vulcanized gum, with cloth inserted, from $\frac{1}{32}$ to $\frac{1}{2}$ inch thick, as ordered	65	per pound.
3, 200 pounds Tuck's packing, $\frac{1}{2}$ to $1\frac{1}{4}$ inch square, as ordered	65	per pound.
1, 000 pounds Tuck's packing, 1 to $1\frac{1}{4}$ inch round, as ordered	1 50	per pound.

To be delivered as required.

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class F, miscellaneous engineers' tools.

10 Ashcroft's steam-gauges, assorted sizes.....	\$25 00	each.
10 Ashcroft's vacuum gauges, assorted sizes	20 00	each.
6 clamp-braces.....	10 00	each.
6 Woodsworth's pumps, steam-cylinders, from 4 to 6 inches diameter	300 00	each.

24 ratchets for drilling iron	\$16 00	each.
108 globe valves, from $\frac{1}{2}$ to 2 inches diameter	55 0	each.
108 angle valves, from $\frac{1}{2}$ to 2 inches diameter	4 00	each.
6 dozen wrenches, screw, assorted sizes	15 00	per dozen.
6 large patent ratchet or key wrenches	25 00	each.
500 pounds cast-iron fittings, to suit the globe and angle valves above	10	per pound.
To be delivered as required.		

Class G, cooking stoves, &c.

12 cooking stoves, with utensils, all complete	\$35 00	each.
8 heating stoves	19 00	each.
To be delivered as required.		

WM. BRAND, NEW YORK. DATE OF CONTRACT NOVEMBER 11, 1862.

Class H, flax canvas.

8 bolts No. 4 flax canvas	\$33 30	per bolt.
5 bolts No. 6 flax canvas	31 20	per bolt.
12 bolts No. 8 flax canvas	18 50	per bolt.
5 bolts heavy ravens duck, linen or flax	10 50	per bolt.
5 bolts light ravens duck, linen or flax	16 50	per bolt.
To be delivered as required.		

FOX & POLHEMUS, NEW YORK. DATE OF CONTRACT DECEMBER 24, 1862.

Class I, cotton canvas.

5 bolts No. 2 cotton canvas	\$45 00	per bolt.
10 bolts No. 4 cotton canvas	42 00	per bolt.
15 bolts No. 6 cotton canvas	36 00	per bolt.
25 bolts No. 7 cotton canvas	35 00	per bolt.
20 bolts No. 8 cotton canvas	33 00	per bolt.
10 bolts No. 9 cotton canvas	32 00	per bolt.
15 bolts No. 10 cotton canvas	30 00	per bolt.
4 bolts No. 4 cot stuff, 30 inches wide	52 00	per bolt.
20 bolts hammock duck cotton, 44 inches wide	110 00	per bolt.
15 bolts bag duck cotton, 44 inches wide	80 00	per bolt.
5 bolts light ravens duck cotton, 27 inches wide	30 00	per bolt.
To be delivered as required.		

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT DECEMBER 12, 1862.

Class J, twine.

50 pounds fine flax twine	\$0 60	per pound.
150 pounds assorted cotton sewing twine	90	per pound.
50 pounds white marline	10	per pound.
50 balls hemp wrapping twine	20	per pound.
To be delivered as required.		

Class K, leather.

100 pounds bellows leather, sides from 5 to 10 pounds...	\$0 40	per pound.
150 pounds pump leather, sides not less than 28 pounds..	46	per pound.
To be delivered as required.		

E. WHEELER, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 17, 1862.

Class L, hose.

250 pounds copper hose rivets and burrs \$0 55 per pound.

To be delivered as required.

JOSEPH L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class M, brushes.

50 clamp brushes	\$0 20	each.
30 whitewash brushes	75	each.
12 dusting brushes, painters'	10	each.
36 flue brushes	90	each.
6 paint brushes, 000000	75	each.
30 sash tool brushes, assorted	12	each.
2 pounds bristles	10	per pound.

To be delivered as required.

E. WHEELER, WASHINGTON, D. C. DATE OF CONTRACT DECEMBER 4, 1862.

Class N, bunting and dry-goods.

6 pieces 18-inch red bunting	\$9 00	per piece.
6 pieces 18-inch white bunting	9 00	per piece.
4 pieces 18-inch blue bunting	9 00	per piece.
36 pieces worsted binding, (scarlet)	50	per piece.
36 pieces worsted binding, (blue)	50	per piece.
40 yards white muslin, $\frac{4}{4}$ wide	20	per yard.
40 yards white linen sheeting, $\frac{8}{4}$ wide	1 00	per yard.
20 yards fearnought	2 00	per yard.
30 spools sewing cotton, (white)	05	per spool.
5 pounds fine Scotch thread, (red, white, and black)	1 75	per pound.
10 pounds mattress twine	40	per pound.
50 pounds white curled hair	40	per pound.
36 papers sewing needles, assorted sizes	05	per paper.

To be delivered as required.

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class P, gas-pipe for steam-fitting.

2,000 feet of gas-pipe, from $\frac{3}{8}$ to 2 inches \$0 28 per foot.

To be delivered as required.

HENRY D. STOVER, NEW YORK. DATE OF CONTRACT DECEMBER 16, 1862.

Class Q, sperm oil.

1,000 gallons best winter-strained sperm oil \$1 70 per gallon.

To be delivered as required.

JOS. L. SAVGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class R, ship-chandlery for stores and equipments.

250 pounds lampwick.....	\$0 75	per pound.
175 pounds beeswax.....	60	per pound.
2, 000 pounds cotton wiping stuff ...	34	per pound.
1, 000 pounds cotton packing	64	per pound.
50 pounds emery, assorted.....	20	per pound.
4 reams emery cloth, assorted	10 00	per ream.
400 pounds hemp packing	15	per pound.
24 hydrometers	2 00	each.
50 pounds mercury, in flasks.....	90	per pound.
250 sheets horn for lanterns, clear white, 8 inches long, 5½ inches wide.....	15	each.
4 papers needles, Lolly's small-sized seaming sail	10	per paper.
4 papers needles, Lolly's large-sized seaming sail	2 00	per paper.
1 paper needles, 4-thread.....	50	per paper.
1 paper needles, 6-thread.....	75	per paper.
1 paper needles, 8-thread.....	80	per paper.
1 paper needles, 10-thread.....	90	per paper.
40 pounds sulphur, flour of	05	per pound.
6 thermometers	2 50	each.
100 pounds yarn packing	10	per pound.

To be delivered as required.

KING & BURCHELL, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER
13, 1862.

Class S, stationery.

10 quires blank requisitions, daily expenditures, per sample	\$0 10	per quire.
2 bottles carmine ink, half pints	25	each.
7 bottles black ink, one pint	10	each.
6 bottles black ink, half pints	02	each.
7 inkstands, assorted.....	75	each.
2 gross steel pens, assorted.....	1 00	per gross.
1 dozen penholders to suit pens.....	12	per dozen.
4 dozen pencils, black, equal to or Faber's	20	per dozen.
15 dozen pencils, slate, best white Rutland	01	per dozen.
1 ream log paper	01	per ream.
12 reams foolscap paper, regulation ruled	2 00	per ream.
10 reams foolscap paper, faint-lined	3 50	per ream.
10 reams letter paper	3 50	per ream.
4 penknives, four blades, Congress	1 00	each.
10 double log slates	40	each.
10 single log slates	20	each.
5, 000 self-sealing envelopes, assorted in size and color	2 50	per M.

To be delivered as required.

BROWN & HICK, BALTIMORE. DATE OF CONTRACT DECEMBER 6, 1862.

Class T, firewood.

100 cords best spruce pine, split	\$7 00	per cord.
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To be delivered as required.

JOHN BROWN, BALTIMORE. DATE OF CONTRACT NOVEMBER 22, 1862.

Class No. 1, white oak logs.

15,000 cubic feet white oak plank stock. \$0 55 per cubic foot.

To be delivered as required.

WILLIAM M. SHAKESPEAR, KENT COUNTY, DELAWARE. DATE OF CONTRACT
NOVEMBER 13, 1862.

Class No. 6, yellow pine plank stock logs.

5,000 cubic feet yellow pine plank stock logs. \$0 50 per cubic foot.

To be delivered as required.

ESAU PICKRELL, GEORGETOWN, D. C. DATE OF CONTRACT DECEMBER 5,
1862.

Class No. 11, white pine.

12,000 feet white pine boards, No. 1, board measure,
from $\frac{3}{4}$ to 1 inch, inclusive. \$42 50 per M feet.

50,000 feet white pine boards, No. 2, board measure,
from 1 to $2\frac{1}{2}$ inches, inclusive. 30 00 per M feet.

10,000 feet white pine boards, No. 3, board measure,
from 1 to $2\frac{1}{2}$ inches, inclusive. 17 50 per M feet.

6,000 feet board measure, white pine panel boards,
1 inch thick, and not less than 12 inches
wide. 39 50 per M feet.

3,000 feet board measure, white pine panel boards,
 $\frac{5}{8}$ inch thick, and not less than 12 inches
wide. 30 00 per M feet.

20,000 feet white pine select cullings, mill-worked
flooring, fit for immediate use, from 3 to $5\frac{1}{2}$
inches wide, inclusive. 41 50 per M feet.

5,000 feet white pine scantling, 4 by 4 inches 30 00 per M feet.

3,000 feet white pine scantling, 4 by 6 inches 28 00 per M feet.

2,000 feet white pine scantling, 3 by 4 inches 28 00 per M feet.

2,000 feet white pine scantling, 3 by 12 inches 30 00 per M feet.

2,000 feet white pine scantling, 4 by 5 inches 25 00 per M feet.

To be delivered as required.

JAMES BIGLER, NEWBURG, N. Y. DATE OF CONTRACT DECEMBER 15, 1862.

Class No. 13, ash plank.

3,000 feet, board measure, clear white ash plank, $1\frac{1}{2}$
inch \$0 $4\frac{1}{2}$ per foot.

To be delivered as required.

JOSEPH L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT DECEMBER 12, 1862.

Class No. 14, ash oars.

5,000 feet white ash oar rafters, 12, 14, and 16 feet long \$0 16 per foot.

To be delivered as required.

ESAU PICKRELL, GEORGETOWN, D. C. DATE OF CONTRACT DECEMBER 4, 1862.

Class No. 15, hickory bars.

24 white-heart hickory bars, 12 to 16 feet long \$3 00 each.

To be delivered as required.

S. V. BLETY, COLUMBIA, LANCASTER COUNTY, PENN. DATE OF CONTRACT DECEMBER 5, 1862.

Class No. 16, black walnut.

5,000 feet, board measure, black walnut, $\frac{1}{2}$ to 2 inches \$60 00 per M feet.

To be delivered as required.

JOHN BROWN, BALTIMORE. DATE OF CONTRACT DECEMBER 22, 1862.

Class No. 19, staves and headings.

400 white oak split pipe staves, 63 inches long...	\$0 15	each.
2,000 white oak split barrel staves, 36 inches long..	0 6	each.
300 pieces of heading, 36 inches long	0 8 $\frac{1}{2}$	each.
200 pieces of heading, 20 inches long	0 6	each.

To be delivered when required.

JAMES BIGLER, NEWBURG, N. Y. DATE OF CONTRACT NOVEMBER 25, 1862.

Class No. 21, poplar.

2,000 feet Albany poplar, $\frac{1}{2}$ and 1 inch thick \$30 00 per M feet.

To be delivered as required.

JOSEPH L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT DECEMBER 12, 1862.

Class No. 25, iron.

48,000 pounds round iron, from $\frac{3}{16}$ to 4 inches.....	\$0 04 $\frac{3}{4}$	per pound.
31,500 pounds flat iron, from $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch thick, and from 1 to 6 inches wide.....	04	per pound.
6,000 pounds square iron, from $\frac{1}{2}$ to 3 $\frac{1}{2}$ inches.....	00 $\frac{1}{2}$	per pound.
1,000 pounds hoop iron, $\frac{1}{8}$ thick and 2 inches wide.	04	per pound.
150 pounds iron wire, assorted sizes	14	per pound.

To be delivered as required.

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 26, steel.

1, 400 pounds cast steel, $\frac{1}{2}$ to 4 inches square	\$0 24	per pound.
850 pounds cast steel, round, $\frac{1}{2}$ to 4 inches diameter	16	per pound.
300 pounds cast steel, octagon, $\frac{3}{4}$ to $1\frac{1}{2}$ inch	14	per pound.
500 pounds shear steel, $\frac{1}{2}$ inch thick, and from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches wide	12	per pound.
300 pounds spring steel, sizes as ordered	10	per pound.
500 pounds large size blister steel	08	per pound.
100 sofa springs, blister steel	06	each.
To be delivered as required.		

Class No. 27, iron spikes.

10,000 pressed wrought iron spikes, 4 to 7 inches long.	\$0 06.40	per pound.
To be delivered as required.		

C. WHEELER, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 17, 1862.

Class No. 28, iron nails.

6, 000 pounds iron cut nails, assorted sizes	\$0 01 $\frac{1}{2}$	per pound.
1, 500 pounds iron wrought nails, assorted sizes	08	per pound.
492 papers finishing nails, $\frac{1}{2}$ to 2 inches	10	per paper.
375 papers iron tacks, 3 to 18 ounce	10	per paper.
To be delivered as required.		

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT DECEMBER 12, 1862.

Class No. 30, lead.

200,000 pounds best Missouri pig lead	\$0 08 $\frac{1}{2}$	per pound.
4,000 pounds drawn lead pipe, $\frac{3}{4}$ to 3 inches diameter	10 $\frac{1}{4}$	per pound.
To be delivered as required.		

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 31, zinc, tin, and solder..

4,000 pounds slab zinc	\$0 10	per pound.
6,000 pounds English, or Banca tin	43	per pound.
500 pounds long-grained braziers' solder	40	per pound.
500 pounds sheet zinc	14	per pound.
6 boxes tin plate, charcoal brand XXD, $12\frac{1}{2}$ by 17 inches	23 00	per box.
To be delivered as required.		

Class No. 33, hardware.

4 dozen bolts, brass, round, 6 inches long	\$5 00	per dozen.
4 dozen bolts, iron, round, 6 inches long	50	per dozen.
250 buttons, brass, with plate $1\frac{1}{2}$ to 2 inches	10	each.
200 pounds sheet brass, Nos. 10 to 24, wire gauge	20	per pound.
4 dozen casters, socket, $1\frac{1}{2}$ inch diameter	1 00	per dozen.
50 pairs hinges, wrought iron, table, rule joint, $2\frac{1}{2}$ by 3 inches	10	per pair.
75 pairs hinges, brass, fast joint, $1\frac{1}{2}$ by $2\frac{1}{2}$ inches	15	per pair.
100 pairs hinges, brass, fast joint, 2 by 2 inches	19	per pair.

150	pairs hinges, brass, fast joint, $2\frac{1}{2}$ by 3 inches . . .	\$0 20	per pair.
75	pairs hinges, brass, fast joint, 3 by 3 inches . . .	30	per pair.
50	pairs hinges, brass, fast joint, 4 by 4 inches . . .	70	per pair.
50	pairs hinges, brass, fast joint, $1\frac{1}{2}$ by $1\frac{1}{2}$ inch . .	10	per pair.
75	pairs hinges, brass, slip joint, 3 by 3 inches . . .	40	per pair.
75	pairs hinges, brass, right and left, $3\frac{1}{2}$ by $2\frac{1}{2}$ inches	10	per pair.
50	pairs hinges, brass, right and left, 3 by 4 inches .	20	per pair.
300	hooks, brass, double cloth	20	each.
300	hooks, brass, cap	10	each.
100	hooks, brass, furniture, assorted, 2 to 3 inches long, one side flat	02	each.
50	handles, brass, flush, 4 inches long, 2 inches wide .	20	each.
2	gross keys, brass, blank	2 75	per gross.
100	knobs, brass, and screw, $\frac{3}{4}$ inch	05	each.
75	locks, brass, mortise, 4 inches square, $\frac{5}{8}$ thick, with white porcelain knobs, and brass keys and bolts, furniture plated, complete	1 75	each.
75	locks, rim, brass, 4 inches square, with brown knobs, brass keys and bolts, furniture plated, complete	1 25	each.
24	locks, brass, rabbet, mortise, with white porce- lain knobs, with brass keys and bolts, 12 right, and 12 left	1 75	each.
75	locks, brass, desk, best quality, $2\frac{1}{2}$ by 4 inches .	20	each.
150	locks, brass, cupboard, best quality, $2\frac{1}{2}$ by 4 inches	30	each.
150	locks, brass, drawer, best quality, $2\frac{1}{2}$ by 4 inches .	30	each.
100	locks, brass, chest, best quality, $1\frac{1}{2}$ by 4 inches .	20	each.
150	locks, brass, pad, best quality	60	each.
75	locks,* iron, pad, best quality	30	each.
48	iron ladles, $4\frac{1}{2}$ inches diameter and $\frac{1}{4}$ thick . . .	2 00	each.
29	reams paper, sand, Nos. $\frac{1}{2}$ to $2\frac{1}{2}$	2 75	per ream.
100	rings, brass, flush, plated, $1\frac{1}{2}$ inch diameter . . .	05	each.
12	papers (30 pounds) rivets, iron-tinned, 1 to 4 pound papers	16	per pound.
5	gross screws, brass, 3 inches, No. 30	10 00	per gross.
5	gross screws, brass, 3 inches, No. 20	8 00	per gross.
5	gross screws, brass, $2\frac{1}{2}$ inches, No. 20	7 50	per gross.
12	gross screws, brass, $1\frac{3}{4}$ inch, gimlet point	2 50	per gross.
25	gross screws, brass, $1\frac{1}{2}$ inch, gimlet point	2 00	per gross.
75	gross screws, brass, $1\frac{1}{4}$ inch, gimlet point	1 50	per gross.
100	gross screws, brass, 1 inch, gimlet point	1 25	per gross.
100	gross screws, brass, $\frac{3}{4}$ inch, gimlet point	75	per gross.
10	gross screws, brass, $\frac{5}{8}$ inch, gimlet point	60	per gross.
5	gross screws, brass, $\frac{1}{2}$ inch, gimlet point	60	per gross.
25	gross screws, iron, $2\frac{1}{2}$ inches, gimlet point	1 00	per gross.
75	gross screws, iron, 2 inches, gimlet point	75	per gross.
200	gross screws, iron, $1\frac{1}{2}$ inch, gimlet point	50	per gross.
200	gross screws, iron, $1\frac{1}{4}$ inch, gimlet point	40	per gross.
100	gross screws, iron, 1 inch, gimlet point	37	per gross.
100	gross screws, iron, $\frac{3}{4}$ inch, gimlet point	30	per gross.
50	gross screws, iron, $\frac{5}{8}$ inch, gimlet point	25	per gross.
25	gross screws, iron, $\frac{1}{2}$ inch, gimlet point	25	per gross.

* All the locks to be spring and tumbler, with brass works, keys of brass to differ, except the drawer locks, which may have three kinds of keys to the dozen.

5 gross screws, iron, $\frac{3}{8}$ inch, gimlet point.....	\$0 25	per gross.
25 spigots, brass, assorted sizes.....	50	each.
100 feet tubing, brass, 1 inch outside, $\frac{13}{16}$ inside	66	per foot.
600 pounds wire, brass, No. 22 to $\frac{1}{2}$ inch.....	60	per pound.
100 pounds wire, copper, Nos. 12 to 15.....	80	per pound.

To be delivered as required.

H. J. COLLINS & Co., NEW YORK. DATE OF CONTRACT NOVEMBER 8, 1862.

Class No. 36, white-lead.

10, 000 pounds pure white-lead in oil.....	\$0 10	per pound.
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To be delivered as required.

Class No. 37, zinc paint.

5, 000 pounds pure white zinc in oil.....	\$0 06 $\frac{9}{10}$	per pound.
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To be delivered as required.

Class No. 38, colored paints.

100 pounds of chrome green, dry.....	\$0 19	per pound.
10 pounds of English vermilion, dry.....	1 50	per pound.
200 pounds of French yellow ochre, dry.....	04	per pound.
225 pounds of lampblack, dry.....	06	per pound.
2, 650 pounds of red-lead, dry.....	08 $\frac{5}{10}$	per pound.
250 pounds of litharge, dry.....	08 $\frac{1}{8}$	per pound.
2, 700 pounds of Spanish whiting, dry.....	01 $\frac{1}{10}$	per pound.
50 gallons Pennsylvania zinc dryers.....	01 $\frac{3}{10}$	per gallon.

To be delivered as required.

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT DECEMBER 12, 1862.

Class No. 39, linseed oil and varnish.

750 gallons prime linseed oil, raw.....	\$1 25	per gallon.
400 gallons spirits of turpentine.....	3 95	per gallon.
55 gallons copal varnish.....	4 00	per gallon.
25 gallons demar varnish.....	3 50	per gallon.
80 gallons Japan varnish.....	3 00	per gallon.
5 gallons spirits of wine, 95 per cent. proof.....	60	per gallon.

To be delivered as required.

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 18, 1862.

Class No. 41, glass.

150 lights of glass, 6 by 8.....	\$0 18	per light.
125 lights of glass, 8 by 10.....	16	per light.
200 lights of glass, 10 by 12.....	16	per light.
125 lights of glass, 11 by 16.....	20	per light.
50 lights of glass, 11 by 17.....	25	per light.
200 lights of glass, 12 by 14.....	20	per light.
150 lights of glass, 12 by 18.....	18	per light.
125 lights of glass, 13 by 16.....	20	per light.
50 lights of glass, 14 by 14.....	25	per light.
100 lights of glass, 14 by 18.....	30	per light.
75 lights of glass, 14 by 22.....	40	per light.

12 straight deck lights, 12 by 3	\$0 50	each,
200 air-port glasses, 7½ inches diameter, 1½ inch thick, clear weite, polished	2 50	each.
12 dozen glass water-gauge tubes, 12 to 18 inches long, ½ to ¾ inch diameter, as ordered, best quality	6 00	per dozen.

To be delivered as required.

E. WHEELER, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 17, 1862.

Class No. 42, oakum.

10, 000 pounds oakum, best quality, long thread	\$0 10	per pound.
100 pounds raw cotton, for calking	60	per pound.

To be delivered as required.

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT DECEMBER 23, 1862.

Class No. 43, pitch, tar, &c.

25 barrels of pitch, each containing not less than 300 pounds	\$20 00	per barrel.
10 barrels of thin tar, each containing not less than 30 gallons	15 00	per barrel.
5 barrels soft clear turpentine, each containing not less than 280 pounds	10 00	per barrel.
5 barrels of No. 1 rosin	10 00	per barrel.

To be delivered as required.

KING & BURCHELL, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 13,
1862.

Class No. 44, brown soap.

500 pounds hard brown soap ..	\$0 06	per pound.
2, 500 pounds pure tallow	10¼	per pound.

To be delivered as required.

H. J. COLLINS & Co., NEW YORK. DATE OF CONTRACT DECEMBER 4, 1862.

Class No. 46, miscellaneous dry-goods, ship-chandlery, &c., for construction.

30 yards baize, green, fine, best quality	\$0 80	per yard.
20 yards brocatelle	4 00	per yard.
200 pounds refined borax	20	per pound.
40 yards carpet, Brussels	1 10	per yard.
50 yards carpet, ingrain, three-ply	90	per yard.
100 yards cotton	40	per yard.
100 yards cambric	10	per yard.
50 yards cloth, hair, best quality, 30 inches	2 00	per yard.
100 yards cloth, oil, best quality	90	per yard.
24 chimney lamps	03	each.
200 pounds glue ..	24	per pound.
250 yards gimp	04	per yard.
1 carboy muriatic acid, 100 pounds	05	per pound.
1 carboy oil vitriol, 150 pounds	05	per pound.
30 pounds beeswax	38	per pound.

12 dozen brooms, corn.....	\$3 00	per dozen.
8 dozen brooms, hickory.....	2 50	per dozen.
250 pounds chalk, white.....	01	per pound.
6 calls, silver.....	3 00	each.
3 lines measuring, metallic, 100 feet.....	4 00	each.
10 gross lampwicks, wove.....	50	per gross.
150 pounds lampwick, yarn.....	50	per pound.
8 lamps, with reflectors, small size.....	1 00	each.
20 lanterns, globe, with guards and lamps complete, brass.....	3 00	each.
10 palms, mounted, sewing.....	40	each.
10 palms, mounted, roping.....	40	each.
50 pounds soapstone, pulverized.....	02	per pound.
30 pounds rottenstone.....	04	per pound.

To be delivered as required.

J. L. SAVAGE, WASHINGTON, D. C. DATE OF CONTRACT NOVEMBER 17, 1862.

Class No. 49, ingot copper.

600, 000 pounds best quality ingot copper \$0 33 $\frac{95}{100}$ per pound.

To be delivered as required.

H. D. STOVER, NEW YORK. DATE OF CONTRACT NOVEMBER 15, 1862.

Class No. 52, bellows.

24 smiths' bellows, 32 inches wide, 44 inches long,
exclusive of pipe, which is to be 10 inches long,
as per sample..... \$10 00 each.

To be delivered as required.

No. 7.

BUREAU OF STEAM ENGINEERING.

No. 1.—*Estimate of amount required for the expenditures of the Bureau of Steam Engineering, for the fiscal year ending June 30, 1864.*

For salary of chief of bureau, per act of July 5, 1862, (Pamphlet, section 2, page 510)	\$3, 500 00
For salary of one chief clerk, (fourth class,) per act of July 5, 1862, (Pamphlet, section 3, page 511)	1, 800 00
For salary of one draughtsman, per act of July 5, 1862, (Pamphlet, section 3, page 511)	1, 400 00
For salary of one clerk, (second class,) per act of July 5, 1862, (Pamphlet, section 3, page 511)	1, 400 00
For salary of one assistant draughtsman, per act of July 5, 1862, (Pamphlet, section 3, page 511)	1, 200 00
For salary of one messenger, per act of July 5, 1862, (Pamphlet, section 3, page 511)	840 00
For salary of one laborer, per act of July 5, 1862, (Pamphlet, section 3, page 511)	600 00
	10, 740 00

CONTINGENT EXPENSES.

For blank books, binding, stationery, and miscellaneous items .	800 00
Total	
	11, 540 00

No. 2.—*Estimate of the amount required for the construction, repair, wear and tear of machinery of vessels in commission, for the fiscal year ending June 30, 1864.*

For the screw steamers	\$1, 850, 000 00
For the paddle-wheel steamers	1, 450, 000 00
For the iron-clad vessels of wood and iron	800, 000 00
For the steamers on the Mississippi river and western waters .	600, 000 00
For the steamers that will probably be built and purchased . . .	700, 000 00
For the engines of the screw frigate Franklin	375, 000 00
Total	5, 775, 000 00

No. 3.—*Estimate of amount required for incidental expenditures, or contingent, for the fiscal year ending June 30, 1864.*

For transportation of materials, printing, stationery, advertising, books, drawings, models, postage, and incidental expenses..	\$25,000 00
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RECAPITULATION OF ESTIMATES.

Salaries	\$10,740 00
Contingent	800 00
Total	11,540 00

Naval service.

Construction, repairs, &c., of machinery	\$5,775,000 00
Contingent expenses	25,000 00
Total	5,800,000 00

No. 8.

BUREAU OF PROVISIONS AND CLOTHING.

Abstract of annual report, dated November 25, 1862.

Transmits estimates, abstracts, and statements; contract system defective; public bakery necessary; paymasters' clerks inadequately paid; additional clerks required in the bureau.

BUREAU OF PROVISIONS AND CLOTHING,
November 25, 1862.

SIR: I have the honor to enclose estimates, marked A, B, and C, with abstracts and statements, marked from D to L, inclusive.

In consequence of the great and sudden increase of the navy, the last year has been one of extraordinary difficulty for supplying its wants. During the same period large armies were called into the field, and required great quantities of many of the same articles that were necessary for our naval squadrons. But notwithstanding this unprecedented state of affairs, and in spite of the inherent defects in the system of supplies, the numerous vessels in the public service have been well provided for.

CONTRACTS.

The existing system of naval contracts is most disadvantageous to the public interests in various ways. The law requires that all naval supplies, with a few exceptions, shall be procured under contracts given to the lowest bidders, after public advertisement. At first sight this seems to be the fairest and most judicious course, but experience proves that further legislation is needed to exclude irresponsible and designing parties. The practical result of the present system is, that many contracts are obtained by parties who fail to fulfil if the contract becomes a losing one, and then the government must go into the market at a disadvantageous time and under the most unfavorable circumstances. There are men whose principal business for many years has been that of government contractors, who manufacture nothing, and can only claim to be "regular dealers" by reason of supplying the government and by occasional speculations with outside parties. Some of these men have no capital nor credit apart from what they derive from having government contracts, yet they do not hesitate to propose to furnish half a million dollars' worth of stores, and their proposals must be received, if they are the lowest bidders, and comply with the conditions of the law.

Not unfrequently bidders propose for contracts with no intention of fulfilling, but for the purpose of selling the contract to some third party for a bonus; and though, by law, such transfer abrogates the contract, the penalty is easily evaded. But there are many honorable exceptions, where men of capital, and prudence, and high standing for integrity make their contracts carefully and fulfil them scrupulously, though sometimes at heavy loss. If such only were received as contractors, the government might find the present mode of procuring supplies advantageous; but, unfortunately, the speculators too often secure contracts to the exclusion of manufacturers and regular dealers, and the department is powerless to prevent it without a change of law.

The disadvantages of contracting with unreliable parties are not confined to the loss of money alone, but the delays and inconveniences that must frequently result are worthy of far graver consideration. A single day's delay in furnishing or supplying a vessel may lead to incalculable injury and loss.

The evils of the present system of naval contracts might be obviated in a degree by enacting that the following classes of persons shall not hereafter be

received as principals or guarantors on any proposal, or as sureties on any contract, viz:

First. Persons known to be defaulters on former contracts with the government, either as principals or sureties.

Second. All persons who do not give satisfactory proof to the Navy Department of their being established manufacturers of, or regular wholesale dealers in, the articles they propose to furnish.

PUBLIC BAKERY.

In nothing are the inconvenience and loss consequent upon the contract system so great or so manifest as in the article of bread.

The quantity required annually for 40,000 men is 12,740,000 pounds, without including the losses by condemnation and shipwreck, which, for the current year, will probably increase that quantity to fifteen millions of pounds, requiring more than 80,000 barrels of flour for its manufacture. To bake this large quantity properly, and to dry it thoroughly before packing for sea use, will require one or more naval bakeries, sufficient to make all the bread used in the navy. Other nations with large navies have found public bakeries indispensable, and our own experience, from day to day, shows it to be necessary for us to adopt the same plan. The manifest advantages to be thus secured are these:

The flour could be selected from the brands best adapted to keeping a long time at sea.

The bread would be made by the best processes, and baked in the most approved ovens.

Ample time and space would be given for thoroughly drying the bread before sending it on board ship, and it would be packed in the best manner, and not again disturbed for inspection or repacking until shipped; and we should thus secure the great advantage of always having a sufficient quantity of the best bread for all demands.

I would suggest that measures be taken for the erection of one or more bakeries on the most approved plan, and that until their completion the department be authorized to hire bakeries, and take all other necessary measures for supplying the men with suitable bread.

CLERKS.

The pay of clerks at naval stations has never been fixed with reference to the amount of their labor and responsibility, and it has been changed from time to time by partial alterations, which enured to the benefit of all other clerks more than to that of paymasters' clerks; yet their duties are as arduous as those of any clerks in the yards, while their pay is smallest of all. At all navy yards (except in California) their pay is but \$750 per annum, while the clerk of the yard and the first clerks of commandants and naval storekeepers receive \$1,200. There seems to be no justice in this distinction, for any impartial judge will say that the labor and responsibilities of paymasters' clerks are as great as those of any of the clerks just named.

The inadequacy of the compensation of paymasters' clerks at sea is still more marked. In the largest ships in commission their pay is but \$500, and in smaller vessels but \$400 per annum and thirty cents per day; and even this small sum ceases with the cruise. The pay of paymasters' clerks in the army is \$700 at all times, and seventy-five cents a day additional while employed, making the aggregate of \$973 75 per annum when on duty. Paymasters' clerks at sea have charge of large amounts of public property, and their duties are performed while they are deprived of the comforts of the shore. The pay of clerks on sea duty is the only pay in the navy which has not been raised since the enactment of the law of 1842. But, on the contrary, it has been diminished by the change in the rates of vessels-of-war. The law of 1842 gives to a pay-

master's clerk in a line-of-battle ship \$700 per annum and in a frigate \$500. No vessel of the former class ever goes to sea now; but the heavy steam frigates, like the Wabash, have taken their place. The paymaster's clerk in such ships receives but \$500 per annum and a ration. I earnestly recommend that the pay of clerks in the navy be equalized, and that that of paymasters' clerks at sea be fixed with reference to the complements of vessels instead of their rates. The first gives the true measure of the labor performed, while the other is arbitrary and continually changing.

ADDITIONAL CLERKS IN THIS BUREAU.

The clerical force in the bureau is entirely inadequate to the performance of its duties. But one additional clerk has been authorized since 1850, though there are now more than five times as many vessels and stations with accounts to settle at the bureau.

The contracts and correspondence have greatly increased; and the expenditures made through its agency have grown from one and a half million annually to more than six millions. At least four clerks in addition to the present number are, in my opinion, indispensable to the transaction of the business of the bureau.

I am, very respectfully, your obedient servant,

H. BRIDGE, *Chief of Bureau.*

Hon. GIDEON WELLES,
Secretary of the Navy.

Schedule of the papers accompanying the report of the chief of the Bureau of Provisions and Clothing to the Secretary of the Navy, dated November 25, 1862.

- A.—Estimate of the expenses of the bureau for the fiscal year.
- B.—Estimate for provisions for the navy for the fiscal year.
- C.—Estimate for contingent for the navy for the fiscal year, and clothing.
- D.—Statement showing the value of provisions, clothing, and small stores on hand.
- E.—Statement showing the value of shipments made by the bureau to foreign stations.
- F.—Statement showing the cost of provisions, clothing, and small stores condemned.
- G.—Abstract of proposals received for naval supplies.
- H.—Abstract of proposals received for clothing.
- I.—Abstract of proposals received for small stores.
- K.—Abstract of proposals received for fresh beef and vegetables.
- L.—Statement of contracts made by the bureau during the year.

A.

Estimate of the expenses of the Bureau of Provisions and Clothing for the fiscal year ending June 30, 1864.

For the salary of the chief of the bureau.....	\$3, 500
For the salary of one chief clerk.....	1, 800
For the salary of four clerks, at \$1,400 per annum.....	5, 600
For the salary of one clerk.....	1, 200
For the salary of one messenger.....	840
For the salary of one laborer.....	600
	13, 540

(Per act of Congress of July 5, 1862, vol. —, sec. 3, page 511.)

Brought forward.....	\$13, 540
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CONTINGENT.

For blank books, stationery, and miscellaneous items.....	1, 000
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	14, 540
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Appropriated for the year ending June 30, 1863 :

For salaries of clerks, messenger, and laborer.....	\$8, 840
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For contingent'.....	700
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	9, 540
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Asked to be appropriated for the year ending June 30, 1864 :

For salaries of chief of bureau, clerks, messenger, and laborer....	\$13, 540
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For contingent.....	1, 000
---------------------	--------

	14, 540
--	---------

The excess over last year arises from the addition of the salary of the chief of the bureau, one clerk, at \$1, 200 per annum, and for increased use of stationery.

H. BRIDGE, *Chief of Bureau.*

NAVY DEPARTMENT,

Bureau of Provisions and Clothing.

B.

Estimate from the Bureau of Provisions and Clothing for that portion of the naval service coming under its cognizance for the fiscal year ending June 30, 1864.

One ration per day for 37,500 men would be, for the year, 13,687,500 rations, at 25 cents each.....	\$3, 421, 875 00
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One ration per day for 3,161 commissioned and warrant officers attached to vessels for sea service would be 1,153,765 rations, at 25 cents each.....	288, 441 25
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One ration per day for 4,375 officers and marines attached to vessels for sea service would be 1,596,875 rations, at 25 cents each.....	399, 218 75
---	-------------

To be added for commutation of the spirit ration for 45,036 officers, non-commissioned officers, men, and marines, for the year, at 5 cents per day, per act of Congress of July 14, 1862, will be.....	821, 907 00
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To be added for commutation of the spirit ration for 35,529 officers, men, and marines, for nine months of the current fiscal year, per act above referred to, will be	486, 303 00
--	-------------

	5 417, 745 00
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Appropriated for the year ending June 30, 1863, \$3,351,521 25. The excess over the estimate last year arises from the increased number of men employed, and from the addition of five cents per day in lieu of the spirit portion of the ration.

H. BRIDGE, *Chief of Bureau.*

NAVY DEPARTMENT,

Bureau of Provisions and Clothing.

C.

Estimate of the sum which will be required by the Bureau of Provisions and Clothing, under the head of contingent, for the fiscal year ending June 30, 1864.

To meet the demand upon the bureau for candles, freight to foreign stations, transportation from station to station, within the United States, cooperage, pay of assistants to inspectors, advertising for proposals, printing paymasters' blanks, and stationery for cruising vessels \$300, 000

H. BRIDGE, *Chief of Bureau.*

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

D.

Statement showing the value of provisions, clothing, small stores, and contingent on hand at the United States navy yards, and at naval depots on foreign stations, July 1, 1862.

Station.	Date.	Provisions.	Clothing.	Small stores.	Contingent.
New York	June 30, 1862	\$191,193 81	\$230,763 69	\$25,332 93	\$9,923 43
Boston, Mass.	June 30, 1862	108,579 03	142,981 80	21,731 91	3,175 07
Philadelphia, Pa.	June 30, 1862	72,383 76	80,141 01	20,633 45	2,649 08
Washington, D. C.	June 30, 1862	15,154 88	19,942 37	5,464 32	1,872 60
Portsmouth, N. H.	June 30, 1862	3,642 91	6,233 53	1,600 98	950 18
Key West, Fla.	June 30, 1862	66,966 36	62,538 83	8,319 45	2,945 81
Mare Island, California	June 30, 1862	40,265 76	29,273 97	4,618 92	503 24
Panama, New Grenada	June 30, 1862	22,465 88	16,221 17	5,861 66	621 48
Aspinwall, New Grenada	June 30, 1862	13,205 62	16,699 22	4,391 41	1,204 86
Spezzia, Sardinia	Mar. 31, 1862	976 00	.....	739 22	168 74
Total .....	.....	534,834 01	604,795 59	98,694 25	24,014 49

BUREAU OF PROVISIONS AND CLOTHING.

E.

Statement showing the value of shipments made by the Bureau of Provisions and Clothing to the United States naval squadrons on foreign stations during the fiscal year ending June 30, 1862.

Station.	Date.	Provisions.	Clothing.	Small stores.	Contingent.
Mediterranean squadron	April 21, 1862	\$22,621 41	.....	\$1,058 54	.....
Do	June 27, 1861	31,336 96	\$12,238 46	3,170 78	\$383 50
Isthmus of Panama, New Grenada.	June 27, 1861	10,375 90	.....	.....	.....
Do	July 3, 1861	6,383 93	2,202 99	576 83	780 00
Do	Aug. 29, 1861	4,735 58	5,865 62	.....	.....
Do	Sept. 6, 1861	531 44	.....	.....	.....
Do	Nov. 23, 1861	2,803 39	9,104 47	1,296 01	.....
Do	Jan. 10, 1862	.....	.....	.....	3 50
Do	Feb. 11, 1862	483 75	.....	5 40	.....
Do	Feb. 18, 1862	4,452 09	.....	.....	.....
Do	Mar. 14, 1862	2,718 46	.....	.....	.....
Do	Mar. 31, 1862	7,187 50	825 76	65 34	2 50
Do	May 16, 1862	97 20	.....	.....	.....
Do	June 2, 1862	837 43	.....	151 97	.....
Do	June 23, 1862	396 08	.....	26 88	.....
Total .....	.....	94,961 12	30,237 30	6,351 75	1,169 50

BUREAU OF PROVISIONS AND CLOTHING.

F.

Statement showing the cost of provisions, clothing, small stores, and contingent, condemned on board the national vessels and at the naval stores at home and abroad, or otherwise destroyed, loss by leakage, evaporation, or other casualties of the service; also the amount condemned and sold at auction, with the amount of the net proceeds of such sales from July 1, 1861, to June 30, 1862, inclusive, so far as returns have been received.

	PROVISIONS.		CLOTHING.		SMALL STORES.		CONTINGENT.	
	Cost.	Net proceeds.	Cost.	Net proceeds.	Cost.	Net proceeds.	Cost.	Net proceeds.
Portsmouth, New Hampshire...	\$3,816 88	\$705 30	\$553 56	\$107 59	\$139 40	\$51 23	-----	-----
Boston, Massachusetts	18,589 24	5,724 00	10,057 62	2,425 64	2,433 30	851 72	-----	\$98 18
New York	21,299 90	752 92	7,485 97	4,269 15	506 14	29 78	-----	-----
Philadelphia	8,979 60	1,097 76	1,657 57	380 49	475 25	14 35	-----	74 67
Washington	385 90	35 48	-----	-----	-----	-----	-----	-----
Key West, Florida	1,387 01	109 96	-----	-----	-----	-----	-----	-----
Warrington, Florida	5,062 83	-----	-----	-----	-----	-----	-----	-----
Mare Island, California	7,390 49	1,202 40	3,794 28	446 47	1,373 40	9 23	-----	-----
oRio de Janeiro, Brazil	-----	1,679 83	-----	1,228 38	-----	26 70	-----	-----
Valparaiso, Chili	414 68	-----	-----	-----	-----	-----	-----	-----
Hong-Kong, China	5,292 88	31 10	1,194 17	-----	9 75	-----	-----	-----
St. Paul de Loando	177 93	224 70	-----	-----	20	-----	\$8 29	-----
Spezzia, Sardinia	1,145 49	737 59	-----	-----	-----	-----	-----	-----
National vessels	26,789 16	1,233 43	2,089 33	534 93	85 48	38 06	-----	-----
Total	100,731 99	13,534 56	26,832 50	9,392 65	5,022 92	1,021 07	8 29	172 85

o Cost embraced in statement for 1860 and 1861.

NAVY DEPARTMENT, Bureau of Provisions and Clothing.

G

Schedule of proposals received for "navy supplies" for the fiscal year ending June 30, 1863, under the advertisement of the Bureau of Provisions and Clothing, dated April 2, 1862.

Names.	Residence.	Biscuit, per 100 pounds.						Flour, per barrel.			Rice, per 100 pounds.			Dried apples, per pound.			Sugar, per 100 p'ds.		
		Boston.		New York.		Philadelphia.		Boston.	New York.	Philadelphia.	Boston.	New York.	Philadelphia.	Boston.	New York.	Philadelphia.	Boston.	New York.	Philadelphia.
		Tight.	Flour.	Tight.	Flour.	Tight.	Flour.												
T. S. Doremus.....	New York	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S. B. Kendrick & Fisher ..	do	\$3 81	\$3 31	\$3 80	\$3 30	\$3 85	\$3 35	\$6 55	\$6 50	\$6 85	\$6 81	\$6 65	\$6 74	\$0 9 50	\$0 9 25	\$0 9 50	\$9 37	\$9 31	\$9 39
J. R. Jones.....	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11 05	10 95	12 05
A. H. Avery.....	Rome, New York	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
J. B. Herrick & Son ..	New York	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
William Bird.....	Boston	...	...	...	...	...	...	...	7 90	...	...	...	...	...	...	...	...	...	...
William Lang.....	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
O. Kendall's Sons & Co ..	Chicago	4 54	3 84	4 38	3 73	4 54	3 82	6 75	6 99	6 75	7 50	6 19	6 19	7 92	7 99	7 50	8 43	8 99	8 93
J. Hartman & Sons ..	Philadelphia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Joseph W. Ward.....	Boston	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Silas Bullard, jr.....	New Bedford	4 80	4 20	4 80	4 20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. J. DeGraw.....	Fulton, New York	10 00	8 00	10 00	8 00	10 00	8 00	10 50	10 50	10 50	10 00	10 00	10 00	10 00	10 00	10 00	14 00	14 00	14 00
N. W. Coffin.....	Boston	...	...	...	...	...	...	6 23	...	...	5 67	...	...	4 86	...	...	8 35	...	...
Hiram Coats & Baker.....	Fulton, New York	7 25	6 50	7 25	6 50	7 25	6 50	8 25	8 25	8 25	7 50	7 50	7 50	8 00	8 00	8 00	8 50	8 50	8 50
William Houseman ..	Boston	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clement Reeves.....	Philadelphia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S. S. Gilbert.....	New York	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nash, Spalding & Co ..	Boston	...	...	...	...	...	...	...	...	...	6 50	6 50	6 50	7 25	...	...	9 00	...	...
E. Watson & Co.....	Philadelphia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
J. C. DeHaven.....	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Louis Spanier.....	Albany, New York	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. T. Goodwin.....	New York	4 36	3 77	4 10	3 34	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anson Bangs.....	do	...	...	...	...	...	...	8 33	8 33	8 33	...	...	...	...	...	...	9 23	9 23	9 23
E. Treadwell & Sons.....	do	4 67	4 17	4 35	3 85	...	...	...	...	...	...	...	...	...	...	...	...	...	...
James R. Davis.....	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
William Mathews.....	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sprague, Soule & Co.....	Boston	...	...	...	...	...	...	6 30	...	...	...	...	...	...	...	...	...	...	...
Wells & Provost.....	New York	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
W. Hatch.....	Boston	...	...	...	...	...	...	7 25	...	...	...	...	...	7 25	...	...	...	...	...
W. H. Wilson.....	New York	...	...	...	...	...	...	7 00	7 00	7 00	...	...	...	9 00	9 00	9 00	10 37	10 37	10 37

[illegible]

G.—Schedule of proposals received for "navy supplies," &c.—Continued.

Names.	Residence.	Tea, per pound.			Coffee, per pound.	Beans, per bushel.			Molasses, per gallon.			Vinegar, per gallon.			Whiskey, per gallon.		
		Boston.	New York.	Philadelphia.		Boston.	New York.	Philadelphia.	Boston.	New York.	Philadelphia.	Boston.	New York.	Philadelphia.	Boston.	New York.	Philadelphia.
T. S. Doremus	New York ..	\$0 68.00	\$0 67.00	\$0 69.00	\$0 21.00	\$2 31	\$2 24	\$2 35	\$0 49.00	\$0 49.75	\$0 52.00	\$0 9.50	\$0 9.75	\$0 10.00	\$0 32.00	\$0 31.00	\$0 33.00
S. B. Kendrick & Fisher ..	do		72.85	72.95	25.95	2 85	2 85	2 85				20.00	20.00	20.00			
J. R. Jones	do																
A. H. Avery	Rome, New York ..																
J. B. Herrick & Son	New York ..					2 72											
William Bird	Boston	67.00			23.60	2 74	2 75	2 74	31.50	34.75	31.50	10.48	12.00	10.48	48.00	48.00	48.00
William Lang	do	59.90	59.90	59.90													
O. Kendall & Sons & Co.	Chicago																
J. Hartman & Sons	Philadelphia ..											14.00	15.00	15.00			
Joseph W. Ward	Boston																
Silas Bullard, jr	New Bedford ..																
C. J. DeGraw	Nulton, New York ..	1 50.00	1 50.00	1 50.00	30.00	2 95	2 95	2 95	70.00	70.00	70.00	32.00	32.00	32.00	39.00	39.00	39.00
N. W. Coffin	Boston	58.90				2 47									38.25		
Hiram Coats & Baker	Fulton, New York ..				18.50	2 15	2 15	2 15	49.00	49.00	49.00	18.00	18.00	18.00	49.00	49.00	49.00
William Houseman	Boston											11.50					
Clement Reeves	Philadelphia ..			62.50													
S. S. Gilbert	New York		68.00														
Nash, Spalding & Co	Boston	64.00	65.00	65.00					39.00						42.00		
E. Watton & Co	Philadelphia ..														38.00	38.00	37.00
J. C. DeHaven	do												11.00				
Louis Spanier	Albany, New York ..																
C. T. Goodwin	New York				26.00	3 31	3 31	3 31	54.00	54.00	54.00				63.00	63.00	63.00
Anson Bangs	do																
E. Treadwell & Sons	do																
James R. Davis	do	65.75	64.75	65.24													
William Mathews	do		73.07														
Sprague, Soule & Co	Boston																
Wells & Provost	New York											12.50	12.50	11.25			
W. Hatch	Boston					2 75											
W. H. Wilson	New York	82.50	82.50	82.50	25.50	2 50	2 50	2 50							56.00	56.00	56.00
F. L. Harvey	Washington ..												13.00	13.00	56.00	45.00	45.00
Benjamin Allen	Philadelphia ..														31.00	30.00	29.00
A. M. Coffin	New York						2 93										
Mullett & Bradbury	Charlestown, Mass.	66.00				2 24			35.95			12.98			47.00		

[illegible]

NAVY DEPARTMENT, Bureau of Provisions and Clothing.

Schedule of proposals received for "clothing and clothing materials," under the advertisement of the Bureau of Provisions and Clothing, dated June 2, 1862.

REPORT OF THE SECRETARY OF THE NAVY.

Names.	Residence.	Blue pea jackets.	Blue seamless pea jackets.	Blue cloth trousers.	Blue satinnet trousers.	Blue felt caps.	Blue flannel overshirts.	Blue woollen knit undershirts.	Blue woollen knit drawers.	Canvas duck trousers.	Barnsley sheeting frocks.	Blue satinnet.
Wall, Stephens & Co.....	Washington, D. C.....	-----	\$12 00	\$3 97	\$2 89	\$1 08	\$1 67	\$1 38	\$1 35	\$1 25	\$1 00	-----
J. M. B. Reynolds.....	Boston.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Halsey, Hunter & Co.....	Newark, N. J.....	-----	-----	3 91	2 59	-----	-----	-----	-----	-----	-----	-----
Henry W. Scott.....	Philadelphia.....	\$11 98	-----	3 90	2 90	-----	1 95	-----	-----	1 25	1 37	-----
J. E. Wilkinson & Co.....	do.....	11 25	-----	4 35	2 70	-----	1 96	-----	-----	-----	-----	\$0 80
Levick & Rasin.....	do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N. Kingsbury & Co.....	Hartford, Conn.....	-----	-----	-----	-----	-----	-----	1 53	1 64	-----	-----	74 $\frac{3}{4}$
C. G. Day & Co.....	do.....	9 22	-----	3 54 $\frac{1}{2}$	2 54 $\frac{1}{2}$	-----	-----	-----	-----	-----	-----	-----
C. A. Griffin.....	do.....	-----	-----	-----	-----	-----	1 61 $\frac{1}{2}$	-----	-----	-----	-----	-----
C. R. Williamson.....	Medea, Pa.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Joseph Dean & Son.....	Newark, Del.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1 00
J. D. Baldwin.....	Pittsburg, Pa.....	11 50	-----	4 25	2 90	-----	2 00	-----	-----	1 25	1 35	-----
Sumner Flagg.....	Boston.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Thomas F. Carhart.....	New York.....	13 08	-----	3 85	2 95	-----	2 18	-----	-----	-----	-----	-----
Howes, Hyatt & Co.....	do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Shotwell, Ayres & Co.....	Rahway, N. J.....	10 24	-----	3 48	2 24	-----	-----	-----	-----	-----	-----	-----
Mellen & Wilcox.....	New York.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
J. W. Blake, (treasurer).....	Boston.....	11 50	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Rogers & Raymond.....	New York.....	10 50	-----	3 80	2 55	-----	1 90	-----	-----	-----	-----	-----
Jenkins, Lane & Sons.....	Boston.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
A. C. Lamson.....	New York.....	-----	-----	-----	-----	-----	2 17 $\frac{1}{2}$	-----	-----	-----	-----	-----
William Mathews.....	do.....	9 39	-----	3 37	2 27	-----	1 73	-----	-----	1 07	91	-----

[illegible]

H.—Schedule of proposals received for "clothing and clothing materials," &c.—Continued.

Names.	Residence	Blue flannel.	Barnsley sheeting.	Canvas duck.	Blue nankin.	Calfskin laced shoes.	Kipskin shoes.	Grained leather boots.	Woolen socks.	Mattresses.	Blankets.	Silk handkerchiefs.
Wall, Stephens & Co.....	Washington, D. C.....	.....	.....	.....	.....	.....	.....	.....	\$0 33	\$7 49	.....	\$1 15
J. M. B. Reynolds.....	Boston.....	.....	.....	.....	.....	\$1 75	\$1 81	\$3 75	.....	.....	.....	.....
Halsey, Hunter & Co.....	Newark, N. J.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Henry W. Scott.....	Philadelphia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
J. E. Wilkinson & Co.....	do.....	\$0 52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Levick & Rasin.....	do.....	.....	.....	.....	.....	1 76	1 73	3 39	.....	.....	.....	.....
N. Kingsbury & Co.....	Hartford, Conn.....	47	.....	.....	.....	.....	.....	.....	.....	.....	\$2 37	.....
C. G. Day & Co.....	do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
C. A. Griffin.....	do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
C. R. Williamson.....	Medea, Pa.....	.....	.....	.....	.....	1 59	1 64	3 50	.....	.....	.....	.....
Joseph Dean & Son.....	Newark, Del.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 40	.....
J. D. Baldwin.....	Pittsburg, Pa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sumner Flagg.....	Boston.....	.....	.....	.....	.....	.....	.....	.....	.....	5 49	.....	.....
Thomas F. Carhart.....	New York.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Howes, Hyatt & Co.....	do.....	.....	.....	.....	.....	1 75	1 85	3 75	.....	.....	.....	.....
Shotwell, Ayres & Co.....	Rahway, N. J.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mellen & Wilcox.....	New York.....	.....	.....	.....	.....	.....	.....	.....	.....	7 00	2 49	.....
J. W. Blake, (treasurer).....	Boston.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rogers & Raymond.....	New York.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jenkins, Lane & Sons.....	Boston.....	.....	.....	.....	.....	1 61½	1 89½	3 74½	.....	.....	.....	.....
A. C. Lamson.....	New York.....	.....	.....	.....	.....	.....	.....	.....	36	.....	.....	.....
William Mathews.....	do.....	.....	\$0 74	\$0 33.7	\$0 05	.....	.....	.....	.....	.....	.....	96.7
Joseph W. Thorp.....	Hillsborough, N. H.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Otis Boyden.....	Newark, N. J.....	.....	.....	.....	.....	1 79	1 79	3 43	.....	.....	.....	.....
S. Cahil.....	New York.....	.....	.....	.....	.....	1 70	1 80	3 75	.....	.....	.....	.....
John Whetherbee, jr.....	Boston.....	.....	.....	.....	.....	.....	.....	.....	.....	4 74	.....	.....

[illegible]

NAVY DEPARTMENT, Bureau of Provisions and Clothing.

I.—Schedule of proposals received for small stores, &c., under the advertisement of the Bureau of Provisions and Clothing, dated July 7, 1862.

Articles.	George Adams, Bos- ton.	C. H. Raymond, New York.	Van Haagen & Mc- Keone, Philadel'a.	Randall H. Green & Sons, New York.	W. B. Watkins, New York.	E. & C. Wood, New York.	T. R. Wetmore & H. Rogers, New York.	W. L. Dawson, Washington, D. C.	H. C. Spalding, New York.	William Mathews, New York.	R. G. Mitchell, New York.	India-rubber Comb Co., New York.	Lucius Lincoln, New York.	J. H. Howard, New York.	Waterbury Button Co., New York.	Sam'l Wild's Sons, New York.
Salt-water soap..... per pound.....	\$0 08	\$0 06.49	\$0 09.44	.....	\$0 45	.....	\$0 36	\$0 09½	.....	\$0 31	.....	.....	.....	\$0 35	.....	.....
Jackknives..... each.....	43	35	.....	.....	.....	.....	05	.....	.....	05	.....	.....	.....	06	.....	.....
Spoons..... each.....	06	10	.....	.....	06	.....	04	.....	.....	20	.....	.....	.....	25	.....	.....
Forks..... each.....	05	10	.....	.....	45	.....	25	.....	.....	20	.....	.....	.....	25	.....	.....
Razors..... each.....	35	25	.....	.....	30	.....	75	.....	.....	20	.....	.....	.....	37½	.....	.....
Razor strops..... each.....	39	25	.....	.....	55	.....	1 00	.....	.....	60	.....	.....	.....	1 00	.....	.....
Scissors..... pairs.....	33	20	.....	.....	1 50	.....	01½	.....	.....	01	.....	.....	.....	01	.....	.....
Needles..... per 1,000.....	1 75	03	.....	.....	02	.....	33	.....	.....	20	.....	.....	.....	25	.....	.....
Thimbles..... each.....	02	05	.....	.....	37½	.....	2 00	.....	.....	11	.....	.....	.....	12	.....	.....
Can-openers..... each.....	25	15	.....	.....	16	.....	.....	.....	.....	3 70	.....	.....	.....	.....	.....	.....
Dead-eye buttons..... per gross.....	16	09	.....	.....	.....	.....	.....	.....	.....	2 70	.....	.....	.....	.....	.....	.....
Gilt eagle coat buttons..... per gross.....	6 50	1 50	.....	.....	.....	.....	.....	.....	.....	1 70	.....	.....	.....	.....	.....	.....
Gilt eagle medium buttons..... per gross.....	4 00	2 75	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	.....	.....	.....	.....
Gilt eagle vest buttons..... per gross.....	2 55	3 00	.....	.....	.....	.....	.....	.....	.....	1 47	.....	.....	.....	.....	.....	.....
India-rubber or gutta percha shaving boxes..... each.....	25	19	.....	.....	.....	.....	.....	.....	.....	1 97	.....	.....	.....	.....	.....	.....
India-rubber or gutta percha fine combs..... per dozen.....	1 50	2 18	.....	.....	.....	.....	.....	.....	.....	16	.....	.....	.....	.....	.....	.....
India-rubber or gutta percha coarse combs..... per dozen.....	2 95	2 18	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....	.....	.....
Scrub-brushes..... each.....	25	27	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....	.....	.....
Shoe-brushes..... each.....	25	20	.....	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	.....	.....	.....
Shaving-brushes..... each.....	07	07	.....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....	.....	.....	.....
Wisp brooms..... each.....	12½	09	.....	.....	.....	.....	.....	.....	.....	2 90	.....	.....	.....	.....	.....	.....
Grass for hats..... per 100 hds.....	4 50	2 00	.....	.....	.....	.....	.....	.....	.....	38	.....	.....	.....	.....	.....	.....
Beeswax in ¼ pound cakes..... per pound.....	48	39	.....	.....	.....	.....	.....	.....	.....	37	.....	.....	.....	.....	.....	.....
Shaving-soap..... per dozen.....	30	48	.....	.....	.....	.....	.....	.....	.....	60	.....	.....	.....	.....	.....	.....
Blacking, boxes of..... per dozen.....	42	59	.....	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....
Cotton, spools of..... per dozen.....	75	60	.....	.....	.....	.....	.....	.....	.....	55	.....	.....	.....	.....	.....	.....
Thread, black and white..... per pound.....	1 40	1 20	.....	.....	.....	.....	.....	.....	.....	69	.....	.....	.....	.....	.....	.....
Sewing silk..... per ounce.....	65	35	.....	.....	.....	.....	.....	.....	.....	13	.....	.....	.....	.....	.....	.....
Ribbon, bat..... per piece.....	85	65	.....	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	.....	.....
Tape, white..... per dozen.....	60	28	.....	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	.....	.....
Tape, black..... per dozen.....	30	10	.....	.....	.....	.....	.....	.....	.....	09½	.....	.....	.....	.....	.....	.....
Pocket handkerchiefs..... each.....	25	23	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....	.....	.....
Mustard seed, American, brown..... per pound.....	10	40	.....	.....	.....	.....	.....	.....	.....	1 40	.....	.....	.....	.....	.....	.....
Black pepper, Malabar..... per pound.....	25	40	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....
Bottles, octagon, for mustard and pepper..... per gross.....	2 00	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corks for mustard and pepper bottles..... per gross.....	19	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stearine candles..... per pound.....	.....	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

K.

Abstract of proposals received for the supply of fresh beef and vegetables at the several navy yards during the fiscal year ending June 30, 1863, under the advertisement of the Bureau of Provisions and Clothing, dated May 3, 1862.

Names.	Where to be delivered.	Beef, per lb.	Vegetables, per lb.
		Cents.	Cents.
Joseph Holmes	Portsmouth, N. H.	8	1
Henry L. Garrett	do	8. 50	1. 25
Calvin P. Sawyer	Boston	8. 50	1. 50
C. Symons	New York	5. 37	1. 87
B. B. Dumville	do	6. 75	1. 4
B. V. Weeks	do	6. 89	1. 97
J. W. Hanley	do	5. 85	1. 4
James Dooley	do	5. 4	1. 35
C. T. Loughran	do	6. 5	5. 5
E. McMannus	do	6. 45	1. 85
G. & A. Scheidt	Philadelphia	5. 95	2. 50
G. W. Wunder	do	5. 74	1. 76
L. S. Boraef	do	5. 85	1. 60
Henry Boraef	do	5. 65	1. 50
A. B. Paul	do	6. 10	1. 50
J. J. Bankard	Baltimore	7. 84	2. 84
G. W. Pappler	do	6	1. 50
John Hoover	Washington	9. 7	4. 2
Jos. L. Heise	do	10	4
H. B. Otterback	do	7. 95	3
King & Burchell	do	10	4

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

L.

Statement of the contracts made by the Bureau of Provisions and Clothing, for and in behalf of the Navy Department, for "supplies for the navy" during the fiscal year ending June 30, 1863, prepared in obedience to acts of Congress approved April 21, 1808, and March 3, 1809.

Names.	Date.	Articles contracted for.	At what price.	Where to be delivered.
Kendrick & Fisher	1862.	Flour	\$6 50 per barrel	New York.
Do.....	May 5....	Dried apples.....	6. 25 per pound.....	Do.
Do.....	do.....	do.....	6. 75 per pound.....	Philadelphia
Do.....	do.....	Vinegar.....	9. 50 per gallon.....	Boston.
Do.....	do.....	do.....	9. 75 per gallon.....	New York.
Do.....	do.....	do.....	10 per gallon.....	Philadelphia.
Do.....	do.....	Biscuit in tight barrels.....	3 81 per 100 pounds....	Boston.
Do.....	do.....	Biscuit in flour barrels.....	3 31 per 100 pounds....	Do.
Do.....	do.....	Biscuit in tight barrels.....	3 80 per 100 pounds....	New York.
Do.....	do.....	Biscuit in flour barrels.....	3 30 per 100 pounds....	Do.
Do.....	do.....	Biscuit in tight barrels.....	3 85 per 100 pounds....	Philadelphia.
Do.....	do.....	Biscuit in flour barrels.....	3 35 per 100 pounds....	Do.
Nathaniel W. Coffin.....	do.....	Flour.....	6 23 per barrel.....	Boston.
Do.....	do.....	Dried apples.....	04. 86 per pound.....	Do.
Do.....	do.....	Sugar.....	8 35 per 100 pounds....	Do.
Do.....	do.....	Tea.....	58. 90 per pound.....	Do.
William Lang.....	May 6....	Rice	6 19 per 100 pounds....	Boston, New York, and Philadelphia.
Do.....	do.....	Molasses	34. 50 per gallon.....	Boston and Philadelphia.
Do.....	do.....	do.....	32. 75 per gallon.....	New York.
Do.....	do.....	Tea.....	59. 90 per pound.....	New York and Philadelphia.
Do.....	May 19 ..	Flour.....	6 75 per barrel.....	Philadelphia.
Do.....	do.....	Sugar.....	8 99 per 100 pounds....	New York.
Do.....	do.....	do.....	8 93 per 100 pounds....	Philadelphia.
Kendrick & Fisher	May 27 ..	Beans.....	2 24 per bushel	New York.
Do.....	do.....	do.....	2 35 per bushel	Philadelphia.
Joseph Holmes.....	June 9....	Fresh beef.....	08 per pound.....	Portsmouth, New Hampshire.

Do.....	do.....	Fresh vegetables.....	01	per pound.....	Do.	do.
Calvin P. Sawyer.....	do.....	Fresh beef.....	08. 50	per pound.....	Boston.	
Do.....	do.....	Fresh vegetables.....	01. 50	per pound.....	Do.	
Henry Boraef.....	do.....	Fresh beef.....	05. 65	per pound.....	Philadelphia.	
Do.....	do.....	Fresh vegetables.....	01. 50	per pound.....	Do.	
H. B. Otterback.....	do.....	Fresh beef.....	07. 95	per pound.....	Washington.	
Do.....	do.....	Fresh vegetables.....	03	per pound.....	Do.	
G. W. Pappler.....	June 11..	Fresh beef.....	06	per pound.....	Baltimore.	
Do.....	do.....	Fresh vegetables.....	01. 50	per pound.....	Do.	
James Dooley.....	do.....	Fresh beef.....	05. 40	per pound.....	New York.	
Do.....	do.....	Fresh vegetables.....	01. 35	per pound.....	Do.	
William H. Brackett.....	June 28..	Fresh beef.....	04	per pound.....	San Francisco, California.	
Do.....	do.....	Fresh vegetables.....	03	per pound.....	Do.	
John Falconer.....	July 5 ..	Blue seamless pea jackets.....	10 00	each.....	Boston and New York.	
Henry Newton.....	do.....	Calfskin laced shoes.....	1 42	per pair.....	Do.	
Do.....	do.....	Kipskin shoes.....	1 48	per pair.....	Do.	
Do.....	do.....	Grained leather boots.....	3 15	per pair.....	Do.	
Do.....	do.....	Blue satinet.....	68. 50	per yard.....	Do.	
William Deering.....	July 7 ..	Blue woollen knit undershirts.....	1 41	each.....	Do.	
Bailey & Southard.....	July 8 ..	Blue woollen knit drawers.....	1 41	per pair.....	Do.	
Do.....	do.....	Blue felt caps.....	74. 50	each.....	Do.	
Wilcox & Draper.....	do.....	Blue flannel.....	47	per yard.....	Do.	
N. Kingsbury & Co.....	do.....	Blankets.....	2 37	each.....	Do.	
Do.....	do.....	Mattresses.....	4 60	each.....	Do.	
Isaac C. Noe.....	July 9 ..	Blue cloth trowsers.....	3 37	per pair.....	Do.	
William Mathews.....	do.....	Blue satinet trowsers.....	2 27	per pair.....	Do.	
Do.....	do.....	Canvas duck trowsers.....	1 07	per pair.....	Do.	
Do.....	do.....	Barnsley sheeting frocks.....	91	each.....	Do.	
Do.....	do.....	Barnsley sheeting.....	74	per yard.....	Do.	
Do.....	do.....	Canvas duck.....	33. 70	per yard.....	Do.	
Do.....	do.....	Blue nankin.....	05	per yard.....	Do.	
Do.....	do.....	Black silk handkerchiefs.....	96. 70	each.....	Do.	
Charles G. Day & Co.....	July 10 ..	Blue pea jackets.....	9 22	each.....	Do.	
Charles A. Griffin.....	do.....	Blue flannel overshirts.....	1 61. 50	each.....	Do.	
C. D. Stockbridge & Son.....	do.....	Woollen socks.....	29 $\frac{3}{4}$	per pair.....	Do.	
R. G. Mitchell.....	Aug. 9 ..	Stearine candles.....	24	per pound.....	Do.	
William Mathews.....	Aug. 14 ..	Mustard seed.....	09. 50	per pound.....	New York.	
Do.....	do.....	Pepper.....	20	per pound.....	Do.	

L.—Statement of the contracts made by the Bureau of Provisions and Clothing, &c.—Continued.

Names.	Date.	Articles contracted for.	At what price.	Where to be delivered.
William Mathews—Cont'd.	1862.	Bottles	\$1 40 per gross.....	New York.
Do.....	Aug. 14..	Corks.....	10 per gross.....	Do.
Do.....	do.....	Jackknives	31 each.....	Boston, New York, and Philadelphia.
Do.....	do.....	Spoons	05 each.....	Do.
Do.....	do.....	Forks.....	05 each.....	Do.
Do.....	do.....	Razors.....	20 each.....	Do.
Do.....	do.....	Razor strops.....	20 each.....	Do.
Do.....	do.....	Scissors.....	20 per pair.....	Do.
Do.....	do.....	Needles.....	60 per 1,000	Do.
Do.....	do.....	Thimbles	01 each.....	Do.
Do.....	do.....	Can-openers.....	20 each.....	Do.
Do.....	do.....	Dead-eye buttons.....	11 per gross.....	Do.
Do.....	do.....	Gilt eagle coat buttons.....	3 70 per gross.....	Do.
Do.....	do.....	Gilt eagle medium buttons	2 70 per gross.....	Do.
Do.....	do.....	Gilt eagle vest buttons	1 70 per gross.....	Do.
Do.....	do.....	India-rubber or gutta percha shaving boxes.....	25 each.....	Do.
Do.....	do.....	India-rubber or gutta percha fine combs.....	1 47 per dozen	Do.
Do.....	do.....	India-rubber or gutta percha coarse combs.....	1 97 per dozen	Do.
Do.....	do.....	Scrub-brushes	16 each.....	Do.
Do.....	do.....	Shoe-brushes.....	20 each.....	Do.
Do.....	do.....	Shaving-brushes	11 each.....	Do.
Do.....	do.....	Wisp brooms.....	14 each.....	Do.
Do.....	do.....	Grass for hats	2 90 per 100 hands	Do.
Do.....	do.....	Beeswax, in 4-pound cakes, pure	38 per pound.....	Do.
Do.....	do.....	Shaving-soap.....	38 per dozen	Do.
Do.....	do.....	Blacking, boxes of	37 per dozen	Do.
Do.....	do.....	Cotton, spools of.....	60 per dozen	Do.
Do.....	do.....	Thread, black and white	1 00 per pound.....	Do.
Do.....	do.....	Sewing silk	55 per ounce	Do.

Do.....	do.....	Ribbon, hat.....	per piece.....	Do.....	do.....
Do.....	do.....	Tape, white.....	per dozen.....	Do.....	do.....
Do.....	do.....	Tape, black.....	per dozen.....	Do.....	do.....
Do.....	do.....	Pocket handkerchiefs.....	each.....	Do.....	do.....
Henry Raymond.....	Sept. 8.....	Salt-water soap.....	per pound.....	Do.....	do.....
Sturges Bennet & Co.....	Aug. 27.....	Coffee.....	per pound.....	New York.	

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

No. 9.

BUREAU OF MEDICINE AND SURGERY.

NAVY DEPARTMENT,
Bureau of Medicine and Surgery, October 28, 1862.

SIR: In compliance with your instructions of the 27th August ultimo, I have the honor to submit estimates of the amount required for the support of the Bureau of Medicine and Surgery, and the medical department of the navy, (with the exception of hospitals,) for the fiscal year ending June 30, 1864.

The fiscal condition of the medical department is represented as follows:

Balance of former appropriations for "surgeons' necessities and appliances" remaining in the treasury June 30, 1862	\$37,125 01
Appropriations for "surgeons' necessities and appliances" for the fiscal year ending June 30, 1863, per act of Congress approved July 14, 1862.....	77,900 00
Amount of hospital fund in treasury June 30, 1862.....	141,315 02
Amount required for the support of the Bureau of Medicine and Surgery for the year ending June 30, 1864, (schedule A)....	10,990 00
Amount required for the medical department of the navy, on shipboard, and all naval stations, with the exception of hospitals, for the year ending June 30, 1864, (schedule B).....	157,500 00
Expenses hitherto paid from the general contingent fund of the navy, (schedule B)	40,000 00

It is hardly possible, in view of the changed character of the naval forces, to make the usual estimates, based on the complement of the vessel. It is presumed, before the expiration of the year, most of the larger vessels now in commission will give place to those of a very dissimilar style. It is considered safer, therefore, to make a *per capita* estimate, based upon the expenditure of the previous year.

The cost of each man in the navy during that period, for all cases involving medical disbursement, was about \$3, or, more exactly, \$3 02. Assuming the force to be employed during the fiscal year ending June 30, 1864, to be 45,000 men, the same rate of expenditure will require an appropriation of \$135,900.

But the enhanced price of articles under the tariff, and the common casualties of war, will doubtless increase the ratio of expense. I deem it prudent to estimate the cost per man at \$3 50, making the sum required for service afloat \$157,500.

In conformity with section 5 of the act to reorganize the Navy Department, approved July 5, 1862, requiring estimates for specific, general, and contingent expenses of the several bureaus to be furnished by the chiefs thereof to the Secretary of the Navy, the following estimate is submitted for expenses hitherto defrayed from the general contingent fund of the navy, and for such other objects as the unanticipated events of the war may present, "contingent," \$40,000.

I submit tabular statements of sick, compiled from the reports of sick, from the naval stations within the United States, and from the vessels in commission on home and foreign stations, for the year ending December 31, 1861.

The recall of our squadrons from foreign stations, and the frequent transfer of the vessels serving in the different divisions of the Atlantic and Gulf forces, render it impossible to submit the usual classification exhibiting the disease incident to our different naval stations.

Instead of the distinct exhibits heretofore submitted, the aggregate sick, &c., of vessels in commission is all that can be presented in view of the cause above mentioned.

The squadron in the Pacific is the only one maintained in the customary manner during the whole of the year 1861.

Statement of sick, compiled from reports of sick from the naval stations in the United States, and from vessels in commission on home and foreign stations for the year ending December 31, 1861.

	Remain'g sick Dec. 31, 1860.	Admitted, 1861.	Discharged, 1861.	Died, 1861.	Total treated, 1861.	Remain'g sick Dec. 31, 1861.	Percentage of deaths to number of cases treated.
HOSPITALS.							
Chelsea	8	267	239	8	275	28	2.91
New York	85	935	812	31	1,020	177	3.03
Philadelphia	14	210	138	13	224	23	5.80
Norfolk*	32	25	56	1	57	.....	1.40
Pensacola†	9	.....	9	.....	9	.....	.....
	148	1,437	1,304	53	1,585	228	3.34
NAVY YARDS.							
Portsmouth, N. H. ....	.....	182	175	.....	182	7	.....
Boston	1	181	177	.....	182	5	.....
New York .....	.....	178	171	.....	178	7	.....
Philadelphia	3	123	122	1	126	3	0.79
Washington	13	1,338	1,316	6	1,351	29	0.44
Norfolk*	4	33	37	.....	37	.....	.....
Naval Academy	9	277	282	.....	.....	4	.....
	30	2,312	2,280	7	2,342	55	0.30

Statement of sick, &c.—Continued.

	Average number of officers and men in service in 1861.	Remain'g sick Dec. 31, 1860.	Admitted, 1861.	Discharged, 1861.	Died, 1861.	Total treated, 1861.	Remain'g sick Dec. 31, 1861.	Proportion of cases to number of per- sons on board of vessels.	Proportion of deaths to number of per- sons on board of vessels.	Percentage of deaths to number of cases treated.
RECEIVING SHIPS.										
Boston	499	1	406	398	.....	407	9	.....	.....	.....
New York	785	7	1,018	1,017	2	1,025	6	.....	.....	0.19
Philadelphia	218	.....	154	145	3	154	6	.....	.....	1.95
Baltimore	81	2	49	43	.....	51	8	.....	.....	.....
Norfolk	34	3	22	25	.....	25	.....	.....	.....	.....
Mare island .....	.....	1	33	34	.....	34	.....	.....	.....	.....
	1,617	14	1,681	1,662	5	1,696	29	1.04	0.31	0.29
Vessels in commission..	12,932	262	17,276	16,796	113	17,538	629	1.35	0.87	0.64

* For first quarter; seized by the rebels April 20, 1861.

No returns from this station; seized by the rebels January 12, 1861. Remaining from last year alone given.

RECAPITULATION.

	Remaining sick Dec. 31, 1860.	Admitted, 1861.	Discharg'd, 1861.	Died, 1861.	Total treated, 1861.	Remaining sick Dec. 31, 1861.	Percentage of deaths to whole number of cases treated.
Hospitals	148	1,437	1,304	53	1,585	228	3.34
Navy yards.....	30	2,312	2,280	7	2,342	55	0.30
Receiving ships	14	1,682	1,662	5	1,696	29	0.29
Vessels in commission at sea.....	262	17,276	16,796	113	17,538	629	0.64
	454	22,707	22,042	178	23,161	941	0.79

The following casualties are reported to this office as having occurred on shipboard since the commencement of hostilities, the lists, however, are still very far from complete. Upwards of one hundred persons were killed or severely wounded by the explosion of the steamer Mound City, in White river, Arkansas, in June last, of which but imperfect reports have been received:

GENERAL.

North Atlantic squadron.....	23 killed.....	19 wounded.
South Atlantic squadron.....	15 killed.....	9 wounded.
Eastern Gulf squadron.....	6 killed.....	5 wounded.
Western Gulf squadron	66 killed.....	196 wounded.
Potomac flotilla	2 killed.....	4 wounded.
Mississippi	4 killed.....	1 wounded.
Making	116 killed.....	234 wounded.

Of these, 96 are reported slightly and 43 severely wounded; 95 not defined.

SPECIAL.

At Forts St. Philip and Jackson and New Orleans, 38 killed, 159 wounded; at Hilton Head, 8 killed, 23 wounded, 6 seriously, 17 slightly.

In the sounds of North Carolina, 8 were killed and 17 wounded.

In the James river flotilla, at the attack on Fort Darling, 13 were killed and 12 wounded.

In the cutting out of the Judith, at Pensacola, 3 were killed and 12 wounded.

In the attack upon the Congress and Cumberland by the Merrimack, in March last, 120 are missing from the former, supposed to be killed or drowned, and 121 from the latter. On board the Minnesota, 3 were killed and 16 wounded, in her encounter with the Merrimack; and 3 were killed and 1 wounded by explosion on board the steamer Whitehall at the same time.

At the close of the year 1860 there remained under treatment 454 cases; during the year 1861 there occurred 22,707 cases of disease, injury, &c., making a total of 23,161 cases treated during the year; of which number 178 died, 22,042 were returned to duty or discharged the service; leaving 941 cases under treatment at the end of the year 1861.

The average strength of the navy, (officers, seamen, marines, and engineer corps included,) was about 20,000, as nearly as can be ascertained. The proportion of cases admitted to the whole number of persons in the service was about 1.13, or each person was on the sick list $1\frac{13}{100}$ times during the year. The proportion of deaths to the whole number in the service was 0.89; and the percentage of deaths to the whole number of cases treated was 0.77, or one death in about 130 cases.

HOSTITAL FUND.

The condition of this fund is represented as follows:

Balance remaining on hand June 30, 1861	\$134,302 95
Transfers to the fund by Fourth Auditor in settlement of accounts, &c., during the year ending June 30, 1862	37,886 55
Transfers to the fund on account of supplies by the naval laboratory to vessels and navy yards during the year ending June 30, 1862	54,163 59
Total amount of fund for the year ending June 30, 1862.....	226,353 09
Expended during the year ending June 30, 1862.....	85,038 07
Balance on hand June 30, 1862	141,315 02

Naval hospitals are supported exclusively from this fund, which is maintained by a monthly deduction of twenty cents from the pay of officers, seamen, and marines, by the transfer of pensions of such persons as commute pensions for support in the naval asylum, and the cost price of the rations of sick subsisted in hospitals.

The expense per week of the hospital patients for the year ending June 30, 1861, has been \$2 03 under all the heads coming under the cognizance of this bureau.

NAVAL LABORATORY.

The operations of the laboratory have kept pace with the general expansion of the navy; devolving an amount of labor upon its officers and employes, which attracts but little notice from the quiet and cheerful manner in which a vast increase of work has been performed.

Most of the 386 vessels now constituting the navy have drawn all their supplies from this source; while constant shipments are made by the regular steamers to keep up a stock of needful articles on board all our vessels engaged in the blockade, or on other duty along the coast and in the Gulf of Mexico. Navy yards, hospitals, and receiving ships are also supplied with everything pertaining to medical and surgical equipment. The usual inspection of various articles offered under contract to the different departments of the navy has also been performed.

But two officers and four men are employed in the establishment; and I venture to say that in hardly any other branch of the service is the same amount of varied work done by the same limited number of persons. It is to be understood that they not only prepare properly and ship medical and hospital stores to all points, but they manufacture most of the articles constituting our supplies. The mere clerical labor of the laboratory is quite sufficient to occupy the whole time of one person.

Amount purchased for laboratory for the year ending June 30, 1862.....	\$56,448 48
Value of issues from laboratory	56,909 14
Stock on hand, machinery, appliances, &c., June 30, 1862.....	30,952 96

INSANE OF THE NAVY.

On September 30, 1861, four officers, one marine, and eight seamen remained under treatment in the government hospital for the insane near this city. During the year ending September 30, 1862, one officer, four marines, eight seamen, one

fireman, and one coal-heaver were admitted; one officer, one marine, and six seamen were discharged; three seamen died; one fireman and one coal-heaver deserted; leaving in the hospital September 30, 1862, four officers, four marines, and seven seamen.

NAVAL HOSPITALS.

The naval hospitals at Chelsea, New York, and Philadelphia, since the commencement of the war, have been filled to their utmost capacity, and we have been forced to seek additional accommodation for our sick and wounded in the marine hospital at Chelsea, Massachusetts, by the erection of a temporary building at New York, and by the partial occupation of the new marine barracks at the same station.

The privilege courteously granted hitherto by the Interior Department, to occupy a portion of the Insane Asylum, near this city, is still continued.

The naval appropriation bill, approved July 14, 1862, made provision for the erection of a hospital upon Seavey's island, adjacent to the navy yard, Portsmouth, New Hampshire, where a proper and convenient building for sick has been much required. The appropriation was unfortunately embarrassed by some conditions for the purchase of land on Seavey's island, which has rendered it unavailable, so that another year may elapse before the much-needed hospital can be put in operation, unless the site of the hospital be left to the discretion of the department, and the subject be dis severed from all propositions for the purchase of property.

It is believed the site where the present sick quarters have stood for very many years would answer as well as any other that could be selected, while certainly no more danger or inconvenience is to be apprehended from a new and good edifice than has resulted from the present defective and dilapidated house.

The estimate submitted last year was for \$20,000, while the appropriation bill allotted but \$10,000—a sum wholly inadequate to the object, and calculated, by its insufficiency, to lead to further delay.

I beg leave to recommend an appropriation of \$20,000 for the erection of a hospital building at Portsmouth, New Hampshire, to be located wherever the department may consider most advantageous in every respect, and that, to insure as prompt execution of the work as the necessities of the navy require, the appropriation, if made, be rendered independent of any propositions to sell land.

A building has recently been procured at Mound City, Illinois, for the reception of sick and wounded of the Mississippi squadron hitherto admitted to an army hospital at that place. It will probably afford space for two hundred and fifty (250) patients, and, with other arrangements in the squadron, our sick and wounded in that quarter will be properly cared for.

The hospital at Portsmouth, Virginia, has recently been reoccupied by the navy, and contains, at this time, some two hundred and fifty sick and wounded from the vessels in James river, Hampton roads, and coast of North Carolina.

No contracts have been made by the bureau during the year.

Very respectfully, your most obedient servant,

W. WHELAN,
Chief of Bureau.

Hon. GIDEON WELLES,
Secretary of the Navy.

Estimate of appropriations under the cognizance of the Bureau of Medicine and Surgery, for the support of said bureau, required for the service of the fiscal year ending June 30, 1864.

Heads or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimates of the balances of appropriations unexpended on the 30th June, 18—, which may be applied to the service of the next fiscal year.	Appropriations for the fiscal year ending June 30, 18—.
For salary of chief of the bureau, per act of July 5, 1862; Statutes at Large, 2d session 37th Congress, section 2, page 510 \$3,500 00 For salary of assistant to bureau, per act of July 16, 1862; Statutes at Large, 2d session 37th Congress, section 18, page 586 2,800 00 For salary of two clerks, per act of July 5, 1862; Statutes at Large, 2d session 37th Congress, section 3, page 511, at \$1,400 each 2,800 00 For salary of messenger, per act of July 5, 1862; Statutes at Large, 2d session 37th Congress, section 3, page 511 840 00	\$9,940 00		
<i>Contingent expenses.</i>			
Blanks, stationery, and miscellaneous items 450 00 Laborer, (submitted) 600 00	1,050 00		
Total required for support of bureau	10,990 00		

W. WHELAN, Chief of Bureau.

Estimate of appropriations under the cognizance of the Bureau of Medicine and Surgery, required for the service of the fiscal year ending June 30, 1864.

Heads or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimates of the balances of appropriations unexpended on the 30th June, 1862, which may be applied to the service of the next fiscal year.	Appropriations for the fiscal year ending June 30, 1863.
<i>Surgeons' necessities and appliances.</i>			
For the support of the medical department of vessels in commission, navy yards, naval stations, marine corps, coast survey, forty-five thousand men, at \$3 50 per man \$157,500 00			
<i>Contingent.</i>			
Expenses hitherto paid from the general contingent fund of the navy 40,000 00	\$197,500 00		\$77,900 00

W. WHELAN, Chief of Bureau.

No. 10.

MARINE CORPS.

HEADQUARTERS MARINE CORPS,
Washington, November 13, 1862.

SIR: I have the honor to report that I have recently inspected the post at Portsmouth, New Hampshire, and the intermediate posts between there and here.

At Portsmouth the barracks are so small that, agreeably to the enclosed copy of a letter from Dr. Delany, they are not capable of accommodating comfortably fifty men, and we frequently, as at this time, have more than double this number on that station, in consequence of the arrival and departure of sea-going vessels. I also enclose a copy of a letter from Lieutenant Colonel Marston, and a report and estimate from the civil engineer of the yard, and respectfully ask for an appropriation accordingly.

At Boston the barracks have recently been rebuilt, and with some slight alterations, which can be paid for from the appropriation for repair of barracks, they will be in good condition.

At New York the parade ground is not yet completed, and there are some slight alterations required to drains and sewers which can also be paid for from the fund for repairs, &c.

At Philadelphia the barracks are very old, and ought to be rebuilt, but I do not recommend it at this time.

At headquarters an estimate was sent to the department a short time since for new vaults for the men, and for sewerage and draining the barracks, which is very necessary, and I trust will be provided for according to the estimate, which is \$9,050.

All the means at our disposal have been used to induce men to enlist, but without the desired effect. The corps is now six hundred men short of our complement, as will be shown by the accompanying general return. Our bounty is so small compared with that of the regular army and State volunteers that I fear our numbers will rather diminish than increase.

The establishing new posts at Cairo, Illinois, and at Mare island, California, has been a heavy draft upon us, and left our numbers at the different posts so small that the good of the service requires an increase of 500 men, with a proportionate number of officers. In proof of the necessity of this increase, nearly all the naval officers in command of vessels are making application to increase the strength of the guard of their respective vessels.

The instruction imparted to the new appointments in the corps to prepare them for active duty, and the proficiency they have made is creditable, and, I am happy to add, the discipline of the corps is good.

I also respectfully request that the corps which I have the honor to command be advanced in proportion to other branches of the service, and, in accordance with the general opinion, the head be made a brigadier general. This I do with the conviction that it is for the good of the service, and with less hesitation, as it is not probable, in the course of human events, the benefit can rest upon me but for a short time.

I am, very respectfully, your obedient servant,

JNO. HARRIS,
Colonel Commanding.

Hon. GIDEON WELLES,
Secretary of the Navy.

HEADQUARTERS MARINE CORPS,
Washington, September 29, 1862.

SIR: I transmit herewith estimates, in triplicate, from the paymaster's department for pay of officers, non-commissioned officers, musicians, and privates of the United States marine corps for the fiscal year ending June 30, 1864.

I am, very respectfully, your obedient servant,

JOHN HARRIS,
Colonel Commandant.

Hon. GIDEON WELLES,
Secretary of the Navy.

HEADQUARTERS MARINE CORPS,
Paymaster's Office, September 29, 1861.

SIR: I enclose herewith estimate, in triplicate, for pay and subsistence of officers, pay of non-commissioned officers, musicians, and privates of the United States marine corps for the fiscal year ending June 30, 1864.

The estimates exceed the amount appropriated for the last fiscal year by the sum of \$94,585 50, as follows:

Increase for pay of 500 additional privates, with a proportionate number of non-commissioned officers, authorized by the President of the United States under a proviso to the act approved March 3, 1849, as per order of the Navy Department of November 22, 1861.....	\$94,800 00
Increase for pay of four officers, retired under the act approved August 3, 1861.....	4,869 00
	99,669 00
Decrease in servants of officers and leader of band... \$2,017 50	
Additional rations to officers for five year's service... 3,066 00	
	5,083 50
Total increase.....	94,585 50

I am, very respectfully, your obedient servant,

WM. W. RUSSELL,
Paymaster United States Marine Corps.

Colonel JOHN HARRIS,
Com'd't United States Marine Corps, Headquarters.

Detailed estimate of pay and subsistence of officers, musicians, and privates of the United States marine corps, and pay for undrawn clothing from July 1, 1863, to June 30, 1864.

Rank and grade.	Number.	Pay per month.	PAY.		SUBSISTENCE.			Aggregate.
			No. of serv'ts, at \$11 per month.	Total.	No. of rations, at 30 cents per ration.	No. of extra rations, at 30 cents per ration.	Total.	
Colonel commandant.....	1	\$95 00	2	\$1,404 00	6	6	\$1,314 00	\$2,718 00
Colonel	1	95 00	2	1,404 00	6	6	657 00	2,061 00
Lieutenant colonels.....	2	80 00	2	2,448 00	5	5	1,095 00	3,543 00
Lieutenant colonel, retired.....	1	80 00	.....	960 00	4	4	438 00	1,398 00
Majors.....	4	70 00	2	4,416 00	4	4	1,752 00	6,168 00
Major, retired.....	1	70 00	.....	840 00	4	4	438 00	1,278 00
Paymaster, quartermaster, and adjutant and inspector	3	80 00	2	3,672 00	4	4	1,314 00	4,986 00
Assistant quartermasters	2	70 00	1	1,944 00	4	4	876 00	2,820 00
Captains	20	70 00	1	19,440 00	4	4	8,760 00	28,200 00
Captain, retired	1	60 00	.....	720 00	4	4	438 00	1,158 00
First lieutenant	30	50 00	1	21,960 00	4	4	13,140 00	35,100 00
First lieutenant, retired	1	50 00	.....	600 00	4	4	438 00	1,038 00
Second lieutenants.....	30	45 00	1	20,160 00	4	4	13,140 00	33,300 00
Principal musician—leader of the band.....	1	45 00	.....	540 00	.....	.....	.....	540 00
Sergeant major and quartermaster sergeant.....	2	24 00	.....	576 00	.....	.....	.....	576 00
Drum major, 2d enlistment	1	22 00	.....	264 00	.....	.....	.....	264 00
Orderly sergeants, 2d enlistment	70	22 00	.....	18,440 00	.....	.....	.....	18,440 00
Sergeants, 1st enlistment	90	17 00	.....	18,360 00	.....	.....	.....	18,360 00
Sergeants, 2d enlistment.....	80	19 00	.....	18,240 00	.....	.....	.....	18,240 00
Corporals, 1st enlistment	140	13 00	.....	21,840 00	.....	.....	.....	21,840 00
Corporals, 2d enlistment.....	120	15 00	.....	21,600 00	.....	.....	.....	21,600 00
Musicians of the band.....	30	.....	.....	8,004 00	.....	.....	.....	8,004 00
Drummers and fifers, 1st enlistment.....	60	12 00	.....	8,640 00	.....	.....	.....	8,640 00
Drummers and fifers, 2d enlistment	60	14 00	.....	10,080 00	.....	.....	.....	10,080 00
Privates, 1st enlistment.....	2,300	13 00	.....	358,800 00	.....	.....	.....	358,800 00
Privates, 2d enlistment.....	700	15 00	.....	126,000 00	.....	.....	.....	126,000 00
Clerks to colonel commandant, paymaster, quartermaster, adjutant and inspector, and assistant quartermaster.....	10	.....	.....	10,830 30	.....	.....	.....	10,830 30
Steward and nurse in hospital at headquarters	2	1 50 p.d.	.....	1,095 00	.....	.....	.....	1,095 00
Messenger to colonel commandant and staff at headquarters	1	.....	.....	809 50	.....	.....	.....	809 50
Messenger in assistant quartermaster's office, Philadelphia.....	1	1 00 p.d.	.....	365 00	.....	.....	.....	365 00
Additional rations to officers for five years' service.....	.....	.....	.....	.....	120	.....	13,140 00	13,140 00
Officers' servants, at \$11 50 per month for rations and clothing .....	.....	.....	.....	.....	.....	.....	14,352 00	14,352 00
Undrawn clothing.....	.....	.....	.....	.....	.....	.....	15,000 00	15,000 00
	.....	.....	.....	704,491 80	.....	.....	86,292 00	790,783 80

Respectfully submitted,

HEADQUARTERS MARINE CORPS, Paymaster's Office, September 29, 1862.

WM. W. RUSSELL,
Paymaster United States Marine Corps.

HEADQUARTERS MARINE CORPS, QUARTERMASTER'S OFFICE,

Washington, September 22, 1862.

SIR: I have the honor to transmit herewith triplicate estimates for the support of the quartermaster's department, marine corps, for one year, commencing July 1, 1863, and ending June 30, 1864.

These estimates differ from those submitted by me with my letters dated October 12, 1861, and February 12, 1862, in the following items of appropriation, viz:

For provisions, less	\$29,419 00
For clothing, more	27,899 36
For fuel, less	2,613 75
For military stores, less	3,000 00
For transportation and recruiting, less	4,000 00
For contingencies, less	5,000 00

The aggregate amount required by the present estimates is \$26,592 86 less than the aggregates of the two estimates submitted with my letters, above referred to.

The increase in clothing appropriation is caused by the high prices of the material from which the garments are made, and is based upon data in this office, which shows the average cost of clothing of a marine for one year to be \$48 94.

The appropriation for provisions has been reduced from 25 cents per ration to 20 cents; that sum being, in my opinion, sufficient, in view of the balance in the treasury to the credit of this appropriation.

Fuel has been reduced from \$7 to \$6 50 per cord for the same reason.

Military stores, transportation, and recruiting, and contingencies have been placed at the amounts asked for previous to the last increase of the corps, and is believed to be sufficient for these purposes.

\$10,458 97 was asked for in the estimate submitted by me on the 12th of October, 1861, for repairs of barracks at Charlestown, Massachusetts, which is omitted from the present estimates.

I am, very respectfully, your obedient servant,

W. B. SLACK,

Quartermaster Marine Corps.

Colonel JOHN HARRIS,

Commandant Marine Corps, Headquarters.

Estimate of the expenses of the quartermaster's department of the marine corps, for one year, from July 1, 1863, to June 30, 1864.

There will be required for the support of the quartermaster's department of the marine corps, for one year, commencing on the 1st July, 1863, in addition to the balances then remaining on hand, the sum of four hundred and fifty-seven thousand six hundred and thirty-three dollars and fifty-one cents.

For provisions	\$135,926 00
For clothing	200,276 76
For fuel	31,430 75
For military stores, viz: pay of mechanics, repair of arms, purchase of accoutrements, ordnance stores, flags, drums, fifes, and other instruments	15,000 00

For transportation of officers, their servants, troops, and for expenses of recruiting.....	\$22,000 00
For repair of barracks, and rent of offices, where there are no public buildings.....	8,000 00
For contingencies, viz: freight, ferriage, toll, cartage, wharfage, purchase and repair of boats, compensation to judges advocate, per diem for attending courts-martial, courts of inquiry and for constant labor, house rent in lieu of quarters, burial of deceased marines, printing, stationery, postage, telegraphing, apprehension of deserters, oil, candles, gas, repairs of gas and water fixtures, water rent, forage, straw, barrack furniture, furniture for officers' quarters, bed-sacks, spades, shovels, axes, picks, carpenters' tools, keep of a horse for the messenger, pay of matron, washerwoman, and porter at hospital headquarters, repairs to fire-engines, purchase and repair of engine-hose, purchase of lumber for benches, mess-tables, bunks, &c., repairs to public carryall, purchase and repair of harness, scavengering, galleys, cooking-stoves, ranges, &c., stoves where there are no grates, gravel, &c., for parade grounds, repair of pumps, furniture for staff and commanding officers' offices, brushes, brooms, buckets, paving, and for other purposes.....	45,000 00
	<u>457,633 51</u>

Respectfully submitted.

W. B. SLACK,
Quartermaster Marine Corps.

PROVISIONS.

For whom required.	Enlisted men.	Washerwomen.	Matron.	Total.	Rations at 20 cents per day.	Amount.
Non-commissioned officers, musicians, privates and washerwomen.....	1,827	33	----	1,860	1	\$135,780 00
Matron and washerwoman at hospital headquarters.....	-----	1	1	2	1	146 00
Amount required.....	-----	-----	-----	-----	-----	<u>135,926 00</u>

CLOTHING.

For whom required.	Enlisted men.	Amount.
Non-commissioned officers, musicians, and privates, at \$48 94 per annum.....	3,654	\$178,826 76
1,500 watch coats, at \$14 30 each.....	-----	21,450 00
Amount required.....	-----	<u>200,276 76</u>

FUEL.

For whom required.	Number.	Cords.	Feet.	Cords.	Feet.
For colonel commandant	1	36	4	36	4
For colonel	1	36	4	36	4
For lieutenant colonels	2	29	4	59	----
For majors	4	29	4	118	----
For staff majors	3	29	4	88	4
For staff captains	2	24	6	49	4
For captains	12	24	6	297	----
For lieutenants, first and second	30	16	4	495	----
For non-commissioned officers, musicians, privates, washer-women, and servants	1,967	1	4	2,950	4
For matron, hospital headquarters	1	1	4	1	4
For hospital headquarters	1	33	----	33	----
For hospitals at other posts	5	16	4	82	4
For armory	1	30	----	30	----
For mess-rooms for officers	7	3	4	24	4
For offices commandant and staff, and commanding officers of posts	15	7	----	105	----
For officers of day's room	7	3	4	24	4
For guard rooms at barracks and navy yards	9	21	----	189	----
For stores for clothing and other supplies	3	5	----	15	----
For one-fourth additional on 800 cords, quantity supposed to be required in latitude north 39°	----	----	----	200	----
Which, at \$6 50 per cord, is \$31,430 75.				4,835	4

HEADQUARTERS MARINE CORPS,

Washington, September 23, 1862.

SIR: It has been reported by the surgeon of the post that our hospital building is too small to accommodate the sick. In consequence of which I directed the quartermaster to employ a respectable mechanic to estimate the cost of enlarging it. I also directed him to have estimates made for constructing sewers from the barracks to the river, and for water-closets—all of which are greatly needed.

I enclose to the departments estimates for the above-named objects, and with it a letter of explanation from the mechanic; for all of which I respectfully ask the favorable consideration of the department.

I am, very respectfully, your obedient servant,

JNO. HARRIS, *Colonel Commandant.*

Hon. GIDEON WELLES,
Secretary of the Navy.

SPECIAL ESTIMATE.

There will be required to build an addition to the marine hospital headquarters, and to run a sewer from the barrack grounds to the eastern branch of the Potomac, &c., the sum of nine thousand and fifty dollars.

For addition to hospital, 36 feet front by 30 feet deep	\$3, 800
For building a barrel sewer, laid in cement, to extend from barrack grounds to the river, and for "terra cotta" drain pipe across the grounds, &c.	3, 500
For thirty-six self-acting water-closets, complete	1, 500
For putting up brick building to receive 28 of the above closets	250
Amount required.	<u>9, 050</u>

Respectfully submitted.

W. B. SLACK,
Quartermaster Marine Corps.

WASHINGTON, *September 16, 1862.*

SIR: We estimate the cost of building an addition to the hospital, 36 feet front by 30 feet deep, two stories high, 14-inch wall front and rear, roof covered with slate; the first story divided into two wards, leaving archway for passage for carriages; second story divided into three wards, which will be entered from a covered porch, extending the entire length of the building in the rear, similar to the one to the present hospital; the general finish to conform to the style of the hospital now in use; flues and fireplaces to be built for the different wards, and registers put in the flues for ventilation, gas-piping to be run for lighting the wards; four of the most approved water-closets to be arranged for the use of both buildings; the whole finished in a good and workmanlike manner ready for occupancy, for three thousand eight hundred dollars, (\$3,800.)

To build an 18-inch brick barrel sewer, laid in cement, starting from the southeast corner of the square, running along Ninth street to the river a distance of 1,800 feet, and lay one 8-inch "terra cotta" drain-pipe the length of the square, and three of the same kind across the square, draining the closets at commandant's quarters, at centre house, at hospitals, also the waste water from wash-houses, yard, and kitchens, will cost three thousand five hundred (\$3,500) dollars. Put up thirty-six self-acting water-closets of the most approved plan, with the necessary pipes and seats, will cost fifteen hundred (\$1,500) dollars.

To build brick building to receive twenty-eight water-closets in the southeast corner of the yard for use of men, two hundred and fifty dollars.

This, we consider, will do the whole work, and we will, if desired, submit a plan and specification in detail, and if intrusted with the work do a satisfactory job.

Very respectfully,

BALDWIN BROTHERS.

Major SLACK,

Quartermaster United States Marine Corps.

Schedule of bids received for supplies, &c., quartermaster's department United States marine corps, under advertisement dated September 28, 1861.

ARTICLES BID FOR.																
Names of bidders.	Uniform caps.	Pompons.	Stocks.	Sets of bullion for sergeants and corporals.	Sets of bullion for privates.	Sashes.	Bootees.	Blankets.	Knapsacks.	Socks.	Raidue caps.	Sky-blue kersey.	Dark blue ker- sey.	Dk blue twilled cloth.	Scarlet cloth.	6-4 dark blue annel.
Shotwell, Ayres & Co.																
Charles Barnum								\$3 80		\$0 37½						\$1 25
William Mathews								3 50		37						1 40
Bent & Bush	\$2 58	\$0 13	\$0 34	\$0 75	\$0 70	\$1 56	\$1 85				\$1 18	\$3 37½	\$3 75	\$3 62	\$3 90	
A. H. Silvester									\$1 49							
J. Lagowitz																
H. A. Dingee																
J. Reed																
Horstman Brother & Co.	3 00	9	50	75	1 00	1 50			2 35	38	1 40	3 50	3 90	3 75	4 00	1 50
A. H. Silvester								4 00								
J. A. Rea & Co.																
Arnold, Martin & Potter.																
W. F. Shattuck.				70	70	3 00			2 47							
Henry Newton							2 11									
Crown, Hurxthal & Sears.									2 43½							
W. Claflin & Co.							3 20									
E. A. Shaw.				70	65	1 65	2 20									
John Mast	3 25	18	34							29	1 22					1 49
J. D. Sturdevant							2 07	2 80								
Burk & Lenny									2 00							
Randolph & Headley											1 20					
George O. Street	2 60	12	38	85	80	1 90										
C. D. Bigelow.							1 89									
C. H. Owens							1 94									
Samuel F. Gwinner.							2 10		2 45							
Jacob Friedman							1 98									
Levi Perry & Co.							1 93									
Paton & Co.								2 50								
W. H. McCrear							1 98									
Hansell & Sons.							1 90		1 75							

Schedule of bids received for supplies, &c.—Continued.

[illegible]

Schedule of bids received for supplies, &c.—Continued.

Names of bidders.	FOB MAKING AND TRIMMING.																
	Watch coats.	Sergeants' uniform coats.	Corporals' uniform coats.	Musicians' uniform coats.	Privates' uniform coats.	Sergeants' fatigue coats.	Corporals' fatigue coats.	Musicians' fatigue coats.	Privates' fatigue coats.	Sergeants' woolen pants.	Corporals' and privates' woolen pants.	Linen pants.	Flannel shirts.	Linen shirts.	Drawers.	Flannel socks.	Boys' jackets.
Shotwell, Ayres & Co.....	\$2 47½	\$3 97½	\$3 97½	\$3 45	\$3 45	\$1 75	\$1 75	\$1 75	\$1 75	\$0 75	\$0 65	\$0 50	\$0 24	\$0 24	\$0 15	\$0 45	\$0 65
Charles Barnum	1 94	2 94	2 94	2 94	2 94	1 54	1 54	1 54	1 54	49	49	34	14	17	12	29	80
William Mathews																	
Bent & Bush																	
A. H. Silvester																	
J. Lagowitz																	
H. A. Dingee																	
J. Reed	1 85	2 82	2 82	2 82	2 82	1 50	1 50	1 50	1 50	50	50	28	14	16	11	25	1 00
Horstmann Brother & Co....																	
A. H. Silvester																	
J. A. Rea & Co																	
Arnold, Martin & Potter ..																	
W. F. Shattuck																	
Henry Newton																	
Cronin, Hurxthal & Sears ..																	
W. Claffin & Co																	
E. A. Shaw																	
John Mast																	
J. D. Sturdevant																	
Burk & Lenny																	
Randolph & Headley																	
George O. Street																	
C. D. Bigelow																	
C. H. Owens																	
Samuel F. Gwinner																	
Jacob Friedman																	
Levi Perry & Co																	
Paton & Co																	
W. H. McCrea																	
Hansell & Sons																	

HEADQUARTERS MARINE CORPS, QUARTERMASTER'S OFFICE,
Washington, November 28, 1862.

SAM'L A. H. MARKS, Chief Clerk,
For Major WM. B. SLACK,
Quartermaster Marine Corps.

Schedule of bids for rations for the marine corps for the year 1862, received under advertisement dated September 25, 1861.

Bidders.	Portsmouth, N. H.	Charlestown, Mass.	Brooklyn, N. York.	Philadelphia, Pa.	Washington, D. C.
	Per 100.				
N. H. Graham	\$21 87	\$20 89	\$18 89	\$18 74	\$21 92
Jno. F. Pickrell.....	21 95	21 95	21 95	21 95	21 95
Thos. A. Wiley			27 00	27 00	27 00
Edmund D. Barbour.....	27 70	25 70	27 70	29 70	31 70
Hiram H. Coats & Co.....	28 00	28 00	28 00	27 25	29 50
W. H. Upperman.....	24 90	23 00	22 50	22 50	21 90
Israel Deming.....					19 07
Wm. C. Marshall ^a	21 00	21 00	21 00	21 00	21 00
A. P. Hoover	24 50	22 70	25 50	24 98	20 98
Jas. Riley	24 49	22 68			
Jno. H. Shyrock & Co.....					24 75
S. Reckless			20 34	18 84	
P. L. Fox & Co.....				23 75	

^a Take all the stations or none.

SAMUEL A. H. MARKS, *Chief Clerk,*
For Major W. B. SLACK, *Quartermaster Marine Corps.*

HEADQUARTERS MARINE CORPS,
Quartermaster's Office, Washington, November 28, 1862.

Schedule of bids received for wood and coal for the marine corps, under advertisement dated May 20, 1862.

Bidders.	Portsmouth, N. H.		Charlestown, Mass.		Brooklyn, N. York.		Philadelphia, Pa.		Washington, D. C.	
	Coal, per ton.	Wood, per cord.	Coal, per ton.	Wood, per cord.	Coal, per ton.	Wood, per cord.	Coal, per ton.	Wood, per cord.	Coal, per ton.	Wood, per cord.
Sarah Otterback									\$8 75	\$6 46
W. H. Barbour									8 50	
J. H. Smith										6 48
Robert Todd			\$7 00	\$7 00						
William Day	\$8 93									
John Loughlin.....					\$5 45	\$5 25				
Alex'r Convereys							\$5 90	\$5 85		
E. F. Size & Co.....	9 21									
J. M. Mathes.....		\$6 20								
Benj. Russell.....	9 00	7 25								
John Muchmore					5 88	6 75				

SAMUEL A. H. MARKS, *Chief Clerk,*
For Major W. B. SLACK, *Quartermaster Marine Corps.*

HEADQUARTERS MARINE CORPS,
Quartermaster's Office, Washington, November 28, 1862.

Schedule of existing contracts, quartermaster's department, United States marine corps, for rations, clothing, &c.

Names of contractors.	Residences.	Date of contract.	Time of expiration.	Place of delivery.	Articles, quantities, prices, &c
RATIONS.					
N. Hicks Graham.	Philadelphia.	November 7, 1861	December 31, 1862	Portsmouth, N. H.	All the rations that may be required, at \$21 87 per 100 rations.
N. Hicks Graham.	Philadelphia.	November 7, 1861	December 31, 1862	Charlestown, Mass.	All the rations that may be required, at \$20 89 per 100 rations.
N. Hicks Graham.	Philadelphia.	November 7, 1861	December 31, 1862	Brooklyn, N. Y.	All the rations that may be required, at \$18 89 per 100 rations.
N. Hicks Graham.	Philadelphia.	November 7, 1861	December 31, 1862	Philadelphia, Pa.	All the rations that may be required, at \$18 74 per 100 rations.
Israel Deming.	Washington.	November 4, 1861	December 31, 1862	Washington city, D. C.	All the rations that may be required, at \$19 07 per 100 rations.
CLOTHING, ETC.					
Jacob Reed.	Philadelphia.	December 5, 1861	December 31, 1862	Philadelphia, Pa.	Making and trimming watch coats, at \$1 85 each; sergeants', corporals', musicians', and privates' uniform coats, at \$2 82 each; sergeants', corporals', musicians', and privates' fatigue coats, at \$1 50 each; sergeants', corporals', musicians', and privates' woollen pants, at 50 cents per pair; linen pants, at 28 cents per pair; flannel shirts, at 14 cents each; linen shirts, at 16 cents each; drawers, at 11 cents each; flannel sacks, at 25 cents each; jackets for boys, at \$1 each. Uniform caps, at \$2 58 each; pompons, at 13 cents each; fatigue caps, at \$1 18 each; stocks, at 34 cents each; coat buttons, at \$3 per gross; jacket buttons, at \$2 per gross; vest buttons, at \$1 75 per gross; crescents and scale straps, at 50 cents per pair; bullion for sergeants and corporals, at 75 cents per set; bullion for privates, at 70 cents per set; red worsted sashes, at \$1 56 each; yellow binding, at 3 cents per yard; red cord, at 1 cent per yard; swords for sergeants, at \$5 25 each; swords for musicians, at \$4 25 each; drums, at \$5 75 each; drum-slings, at 25 cents each; batter drum-heads, at \$1 each; snare drum-heads, at 42 cents each; drum-cords, at 20 cents each; drum-snare, at 18 cents per set; boxwood fifes, at 40 cents each; sky-blue kersey, at \$3 37½ per yard; dark blue kersey, at \$3 75 per yard; dark blue twilled cloth, at \$3 62 per yard; scarlet cloth at \$3 90 per yard.
Bent & Bush.	Boston.	November 27, 1861	December 31, 1862	Philadelphia, Pa.	6-4 dark blue flannel, at \$1 25 per yard; 3-4 dark blue flannel, at 60 cents per yard; gray blankets, at \$3 80 each; woollen socks, at 37½ cents per pair; 13-ounce linen, at 63½ cents per yard; 11-ounce linen, at 53½ cents per yard; Canton flannel, at 12 cents per yard.
William Mathews.	New York.	December 3, 1861	December 31, 1862	Philadelphia, Pa.	Army boots, (infantry pattern,) at \$1 85 per pair.
A. H. Silvester.	Dorchester, Mass.	November 29, 1861	December 31, 1862	Philadelphia, Pa.	Knapsacks, at \$1 49 each; haversacks, at 45 cents each; canteens, at 38 cents each; musket-slings, at 15 cents each.
J. Lagowitz.	New York.	November 27, 1861	December 31, 1862	Philadelphia, Pa.	Cartridge-boxes, at \$1 15 each; bayonet scabbards, at 40 cents each; percussion cap pouches, at 36 cents each; cartridge-box belts, at 75 cents each; bayonet belts, at 72 cents each; waist belts, at 28 cents each; waist plates, at 12 cents each; breastplates, at 14 cents each; sword frogs, at 18 cents each.
Henry A. Dingee.	New York.	December 2, 1861	December 31, 1862	Philadelphia, Pa.	

FUEL.

William H. Barbour.....	Washington	June	30, 1862	June	30, 1863	Washington, D. C.	White-ash coal, at \$8 50 per ton.
Sarah Otterback	Washington	June	30, 1862	June	30, 1863	Washington, D. C.	Oak wood, at \$6 46 per cord.
Alexander Convery.....	Philadelphia	July	2, 1862	June	30, 1863	Philadelphia, Pa.	Oak wood, at \$5 85 per cord; white-ash coal, at \$5 90 per ton.
John Loughlin	Brooklyn, N. Y.	July	10, 1862	June	30, 1863	Brooklyn, N. Y.	Oak wood, at \$5 25 per cord; white-ash coal, at \$5 45 per ton.
Robert Todd	Charlestown, Mass. ...	June	30, 1862	June	30, 1863	Charlestown, Mass. ...	Oak wood, at \$7 per cord; white-ash coal, at \$7 per ton.
J. M. Mathes	Portsmouth, N. H.	June	30, 1862	June	30, 1863	Portsmouth, N. H.	Oak wood, at \$6 20 per cord.
William Day.. ..	Portsmouth, N. H.	June	30, 1862	June	30, 1863	Portsmouth, N. H.	White-ash coal, at \$8 93 per ton.

SAMUEL A. H. MARKS, *Chief Clerk.*
For Major W. B. SLACK, *Quartermaster Marine Corps.*

HEADQUARTERS MARINE CORPS, *Quartermaster's Office, Washington, November 28, 1862.*

No. 11.

General estimate for salaries and contingent for the Navy Department and bureaus and southwest executive building during the fiscal year ending June 30, 1864.

Purpose.	Estimate for 1863-'64.	Appropriated for 1862-'63.
Secretary's office—		
Salaries.....	\$36,000 00	\$43,200 00
Contingent.....	2,840 00	2,840 00
Bureau of Yards and Docks—		
Salaries.....	18,240 00	14,140 00
Contingent.....	800 00	800 00
Bureau of Equipment and Recruiting—		
Salaries.....	10,640 00	.....
Contingent.....	1,600 00	.....
Bureau of Navigation—		
Salaries.....	8,740 00	.....
Contingent.....	600 00	.....
Bureau of Ordnance—		
Salaries.....	11,220 00	12,340 00
Contingent.....	1,000 00	750 00
Bureau of Construction and Repair—		
Salaries.....	16,340 00	21,340 00
Contingent.....	1,000 00	800 00
Bureau of Steam Engineering—		
Salaries.....	10,740 00	.....
Contingent.....	800 00	.....
Bureau of Provisions and Clothing—		
Salaries.....	13,540 00	8,840 00
Contingent.....	1,000 00	700 00
Bureau of Medicine and Surgery—		
Salaries.....	9,940 00	9,940 00
Contingent.....	450 00	450 00
Southwest executive building—		
Salaries.....	2,760 00	3,000 00
Contingent.....	5,000 00	4,400 00
Total.....	153,250 00	123,540 00

No. 12.—Summary statement of appropriations required for the navy and marine corps, &c.—Continued.

Heads of appropriation.	Office of Secretary of the Navy.	Bureau of Yards and Docks.	Bureau of Equipment and Recruiting.	Bureau of Navigation.	Bureau of Ordnance.	Bureau of Construction and Repair.	Bureau of Steam Engineering.	Bureau of Provisions and Clothing.	Bureau of Medicine and Surgery.	Marine corps.	Aggregate.
HOSPITALS.											
Boston .....	.....	\$2,500 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York .....	.....	22,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia .....	.....	32,900 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marine island .....	.....	25,000 00	.....	.....	.....	.....	.....	.....	.....	.....	\$82,400 00
MAGAZINES.											
Portsmouth .....	.....	31,522 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston .....	.....	2,000 00	.....	.....	.....	.....	.....	.....	.....	.....	33,522 00
MISCELLANEOUS.											
Pay of superintendents .....	.....	106,784 00	.....	.....	.....	.....	.....	.....	.....	.....	106,784 00
Naval Academy	\$24,881 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,881 00
Naval Observatory .....	.....	.....	.....	\$35,000 00	.....	.....	.....	.....	.....	.....	35,000 00
Nautical Almanac .....	.....	.....	.....	25,850 00	.....	.....	.....	.....	.....	.....	25,850 00
	738,735 00	2,686,421 00	\$19,891,866 70	230,550 00	\$7,148,020 00	\$24,598,000 00	\$5,800,000 00	\$5,717,745 00	\$197,500 00	\$1,248,417 31	68,257,255 01

RECAPITULATION.

Navy proper	\$65,096,277 70
Marine corps	1,248,417 31
Navy yards	1,604,123 00
Hospitals	82,400 00
Magazines	33,522 00
Miscellaneous	192,515 00
	68,257,255 01

No. 13.

Estimate of appropriations under the cognizance of the Navy Department for the support of the navy, required for the service of the fiscal year ending June 30, 1864.

Heds or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimates of the balances of appropriations unexpended on the 30th June, 1863, which may be applied to the service of the next fiscal year.	Appropriations for the fiscal year ending June 30, 1863.
For pay of commissioned, warrant, and petty officers and seamen, including the engineer corps.....	\$14,714,332 70	.....	\$11,617,109 00
For provisions for commissioned, warrant, and petty officers and seamen, including engineers, and also marines attached to vessels for sea service.....	5,417,745 00	.....	3,351,521 25
For surgeons' necessities and appliances for the sick and hurt of the navy, including the engineer and marine corps.....	157,500 00	.....	77,900 00
For construction and repair of vessels of the navy.....	9,298,000 00	.....	11,400,000 00
For purchase of hemp and other materials for the navy....	320,000 00	.....	540,000 00
For fuel for the navy.....	2,690,000 00	.....	2,160,000 00
For ordnance and ordnance stores, including incidental expenses.....	7,110,000 00	.....	5,150,000 00
For contingent expenses.....	2,195,000 00	.....	1,700,000 00
For charter and purchase of vessels.....	3,250,000 00	.....	3,000,000 00
For steam machinery.....	5,775,000 00	.....	.....
For armor-plated sea steamers.....	12,000,000 00	.....	.....
For tables of navigation.....	149,000 00	.....	.....
For clothing for the navy.....	.....	.....	600,000 00
For equipment of vessels.....	2,000,000 00	.....	.....
	65,076,577 70	.....	39,596,530 25

No. 14.

General estimate of appropriations under the cognizance of the Navy Department for the support of the marine corps, required for the service of the fiscal year ending June 30, 1864.

Heds or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimates of the balances of appropriations unexpended on the 30th June, 1863, which may be applied to the service of the next fiscal year.	Appropriations for the fiscal year ending June 30, 1863.
For pay of officers, non-commissioned officers, musicians, privates, clerks, stewards, &c., rations and clothing for servants, additional rations to officers for five years' service, undrawn clothing and rations, bounties for re-enlistments.....	\$790,783 80	.....	\$696,198 30
For provisions.....	135,926 00	.....	143,445 00
For clothing.....	200,276 76	.....	134,660 00
For fuel.....	31,430 75	.....	30,894 50
For military stores.....	15,000 00	.....	15,000 00
For transportation of officers and troops, and expenses of recruiting.....	22,000 00	.....	22,000 00
For repairs of barracks and rent of offices where there are no public buildings for that purpose.....	8,000 00	.....	8,000 00
For contingencies.....	45,000 00	.....	45,000 00
	1,248,417 31	.....	1,095,197 80

No. 15.

Estimate of appropriations under the cognizance of the Navy Department for navy yards and other special objects, required for the service of the fiscal year ending June 30, 1864.

Heads or titles of appropriations.	Estimates of appropriations required for the service of the fiscal year ending June 30, 1864.	Estimates of the balances of appropriations unexpended on the 30th June, 1863, which may be applied to the service of the next fiscal year.	Appropriations for the fiscal year ending June 30, 1863.
For improvements and repairs at the navy yards and stations	\$1,604,123 00	.....	\$1,465,361 00
For improvements and repairs at the naval hospitals, including the Naval Asylum, and support of beneficiaries..	82,400 00	.....	149,800 00
For improvements and repairs at the naval magazines.....	33,522 00	.....	97,662 00
For pay of superintendents, naval constructors, and civil establishments of the navy yards and stations	106,784 00	.....	104,584 00
For purchase of articles and for incidental expenses connected with the Naval Observatory and Hydrographical Office, Washington	35,000 00	.....	.....
For the support of Naval Academy, Newport, R. I.....	24,881 00	.....	22,797 00
For preparing for publication the Nautical Almanac.....	25,850 00	.....	25,880 00
	1,912,560 00	.....	1,866,084 00

No. 16.

TREASURY DEPARTMENT,

Second Comptroller's Office, November 26, 1862.

SIR: I have the honor to transmit, in duplicate, a statement of the appropriations for the Navy Department for the fiscal year 1861-'62, showing the balances of appropriations on the 1st of July, 1861; the appropriations made for the fiscal year 1861-'62; the repayments and transfers in the same time; the amounts applicable to the service of the year 1861-'62; the amounts drawn by requisitions from the treasury for the same period; and, finally, the balances on the 30th of June, 1862, with such appropriations as have been carried to the surplus fund; prepared in pursuance of the act of Congress approved May 1, 1820.

Very respectfully, sir, your obedient servant,

J. MADISON CUTTS,
Comptroller.

Hon. GIDEON WELLES,
Secretary of the Navy.

Statement of the appropriations for the service of the Navy Department from July 1, 1861, to June 30, 1862, made pursuant to the provisions of the second section of the act of Congress of May 20, 1820, entitled "An act in addition to the several acts for the establishment and regulation of the Treasury, War, and Navy Departments."

Heads of appropriation.	Balances of appropriation- tion July 1, 1861.	Appropriations for the fiscal year 1861-'62.	Repayments from July 1, 1861, to June 30, 1862.	Amounts applicable to the service of the fis- cal year 1861-'62.	Amounts drawn by re- quisitions from the treasury during fiscal year 1861-'62.	Balances June 30, 1862.
Pay of the navy.....	\$4,775,621 71	\$7,179,200 00	\$776,108 69	\$12,730,930 40	\$8,901,197 80	\$3,829,732 60
Contingent expenses of the navy.....	841,197 57	1,062,300 00	135,955 43	2,039,453 00	2,022,723 91	16,729 09
Increase, repairs, &c.....	1,502,287 63	16,941,000 00	197,014 93	18,640,302 56	13,154,808 45	5,485,494 11
Ordnance and ordnance stores.....	507,742 21	4,910,000 00	9,946 22	5,427,688 43	5,126,614 93	301,073 50
Naval Academy.....	50,022 99	.....	.....	50,022 99	45,867 41	4,155 58
Nautical Almanac.....	34,107 13	.....	215 19	34,322 32	24,805 70	9,516 62
Nautical instruments.....	32,272 19	20,000 00	3,096 06	55,368 25	39,645 13	15,723 12
Arranging specimens of natural history.....	3,071 62	.....	.....	3,071 62	1,199 00	1,872 62
Contingent expenses and wages at Observatory.....	9,036 53	3,000 00	27 22	12,063 75	10,017 00	2,046 75
Publishing Wind and Current Charts.....	11,610 19	.....	2,669 76	14,279 95	2,755 61	11,524 34
Books, maps, &c.....	.....	.....	18 57	18 57	.....	18 57
Publishing Sailing Directions.....	19,652 46	.....	7 50	19,659 96	2,798 78	16,861 18
Fuel for the navy.....	1,035,354 36	1,080,000 00	18,391 46	2,133,745 82	1,368,155 21	765,590 61
Purchase of hemp for the navy.....	625,073 47	300,000 00	2,334 68	927,408 15	302,793 21	624,614 94
Five steam sloops.....	64,717 09	.....	6,596 48	71,313 57	70,703 31	610 26
Seven screw propellers and one side-wheel steamer.....	.....	91,439 82	62 81	91,502 63	85,084 74	6,417 89
Provisions for the navy.....	810,305 86	1,994,222 47	116,369 34	2,920,897 67	2,919,084 08	1,813 59
Clothing for the navy.....	216,988 05	.....	646,745 87	863,733 92	795,161 95	68,571 97
Navy hospital fund.....	120,720 77	.....	90,545 91	211,266 68	84,253 31	127,013 37
Surgeons' necessities and appliances.....	67,050 26	25,000 00	12,542 80	104,593 06	68,175 80	36,417 26
Testing useful inventions.....	4,117 33	.....	50	4,117 83	42 50	4,075 33
Testing improvements in steam boilers.....	286 18	.....	684 00	970 18	.....	970 18
Prize money.....	31,618 33	28,713 03	3,400 35	63,731 71	10,000 00	53,731 71
Purchase of saltpetre.....	8,374 69	.....	.....	8,374 69	.....	8,374 69
Six steam frigates.....	524,163 01	.....	50,490 04	574,653 05	100,666 46	473,986 59
Seven screw sloops of the second class.....	1,174,419 00	1,600,000 00	30,000 00	2,804,419 00	1,976,011 10	828,407 90
Stevens's war steamer.....	79,475 09	783,294 00	.....	862,769 09	.....	862,769 09
Construction of armored ships.....	.....	14,500,000 00	.....	14,500,000 00	1,596,562 56	12,903,437 44
Twelve small side wheel-steamers.....	.....	1,200,000 00	20,549 52	1,220,549 52	1,192,899 10	27,650 42
Ordnance foundry, Washington navy yard.....	.....	50,000 00	.....	50,000 00	.....	50,000 00
Temporary increase of the navy.....	.....	3,000,000 00	60,000 00	3,060,000 00	3,060,000 00	.....
Pay of the marine corps.....	585,150 59	160,224 00	27,354 52	772,729 11	577,782 60	194,946 51
Provisions for marine corps.....	72,761 94	42,048 00	.....	114,809 94	80,674 65	34,135 29

Statement of the appropriations for the service of the Navy Department, &c.—Continued.

Heads of appropriation.	Balances of appropriation July 1, 1861.	Appropriations for the fiscal year 1861-'62.	Repayments from July 1, 1861, to June 30, 1862.	Amounts applicable to the service of the fiscal year 1861-'62.	Amounts drawn by requisitions from the treasury during fiscal year 1861-'62.	Balances June 30, 1862.
Clothing for marine corps.....	\$80,010 51	\$56,448 00	\$314 81	\$136,773 32	\$136,676 88	\$96 44
Fuel for marine corps.....	50,198 67	6,048 00	195 70	56,442 37	25,500 00	30,942 37
Transportation of the marine corps.....	22,359 45	8,000 00	2 40	30,387 85	26,655 10	3,732 75
Military stores for marine corps.....	13,740 92	6,000 00	.....	19,740 92	19,500 00	240 92
Repairs of barracks, marine corps.....	15,481 16	.....	1,659 00	17,140 16	12,380 89	4,759 27
Contingent of marine corps.....	32,544 16	12,000 00	61 15	44,605 31	43,628 67	976 64
Marine barracks at Charlestown, Massachusetts.....	8,456 00	12,000 00	.....	20,456 00	20,456 00	.....
Marine barracks at Brooklyn.....	16,484 66	.....	.....	16,484 66	6,533 33	9,951 33
Purchase or charter of vessel for Paraguay expedition.....	.....	.....	41	41	*41	.....
Publishing charts of the La Plata, &c.....	6,066 07	.....	.....	6,066 07	156 66	.....
Exploration of the Parana.....	13,741 35	.....	1,235 90	14,977 25	+14,977 25	5,909 41
Exploration and verification of ship canal near Isthmus of Darien.....	968 76	.....	50 75	1,019 51	*1,019 51	.....
Pay of superintendents, &c.....	248,579 96	.....	55,331 99	303,911 95	124,249 47	179,662 48
Navy yard, Portsmouth, New Hampshire.....	29,541 49	10,000 00	3,448 39	42,989 88	18,820 66	24,169 22
Navy yard, Sackett's Harbor.....	1,000 00	.....	.....	1,000 00	1,000 00	.....
Navy yard, Boston.....	114,483 72	154,100 00	26,919 46	295,506 18	92,761 96	202,744 22
Navy yard, New York.....	81,556 28	102,809 00	3,349 78	187,715 06	148,674 30	39,040 76
Navy yard, Philadelphia.....	45,009 82	40,000 00	1,442 06	86,451 88	55,615 67	30,836 21
Navy yard, Washington.....	37,681 07	44,447 00	13,000 00	95,128 07	72,502 00	22,626 07
Navy yard, Norfolk.....	101,278 74	.....	4 69	101,283 43	5,362 83	95,920 60
Navy yard, Pensacola.....	22,881 21	.....	17,391 42	40,272 63	65 25	40,207 38
Navy yard, Mare island.....	281,360 04	90,000 00	21,770 14	393,130 18	228,221 77	164,908 41
Naval hospital, Boston.....	8,008 95	.....	754 81	8,763 76	4,660 90	4,102 86
Naval hospital, New York.....	7,563 60	.....	587 83	8,151 43	6,147 00	2,004 43
Naval hospital, Philadelphia.....	25,607 41	800 00	1,575 81	27,983 22	3,497 58	24,485 64
Naval hospital, Norfolk.....	19,101 42	.....	471 25	19,572 67	.....	19,572 67
Naval hospital, Pensacola.....	16,654 61	.....	4,457 48	21,112 09	.....	21,112 09
Naval hospital, Washington.....	1,000 00	.....	.....	1,000 00	142 31	857 69
Support of beneficiaries at Naval Asylum.....	34,024 08	.....	9,264 02	43,288 10	29,945 50	13,342 60
Naval magazine at Portsmouth, New Hampshire.....	35,277 41	.....	536 84	35,814 25	14,323 82	21,490 43
Naval magazine, Boston.....	13,145 03	.....	962 75	14,107 78	4,201 83	9,905 95
Naval magazine, New York.....	20,226 26	.....	581 99	20,808 25	12,069 83	8,738 42
Naval magazine, Philadelphia.....	1,449 42	.....	8 02	1,457 44	.....	1,457 44
Naval magazine, Washington.....	13,033 28	.....	4,000 00	18,033 28	12,991 06	5,042 22
Naval magazine, Norfolk.....	13,378 32	.....	92	13,379 24	.....	3,379 24
Naval magazine, Pensacola.....	218 71	.....	3,556 08	3,774 79	.....	3,774 79

Naval magazine, Mare island	11, 439 00	.....	23, 935 19	35, 374 19	19, 337 56	16, 036 63
Coston's night signals .....	.....	20, 000 00	.....	20, 000 00	20, 000 00	.....
Contingent expenses of navy yards .....	.....	100, 000 00	1, 415 60	101, 415 60	101, 415 60	.....
Commissioners to the Isthmus of Chiriqui	10, 755 09	.....	.....	10, 755 09	1, 337 81	9, 417 28
Preparing and printing North Pacific Surveys	7, 700 00	.....	.....	7, 700 00	.....	7, 700 00
Engraving charts of Behring's straits	15, 701 17	.....	1, 018 69	16, 719 86	4, 352 29	12, 367 57
Charter of the Toeywan	45, 000 00	.....	.....	45, 000 00	.....	45, 000 00
Arming and manning the ordnance ship Plymouth	25, 224 71	.....	.....	25, 224 71	54 75	25, 169 96
Sewer on Flushing avenue, New York	60, 000 00	.....	.....	60, 000 00	10, 602 79	49, 397 21
Report of survey of route, California and China	1, 921 14	.....	.....	1, 921 14	975 00	946 14
Erection of a hose-house, Washington navy yard	14 50	.....	50	15 00	14 50	50
Mexican hostilities	28, 799 90	.....	.....	28, 799 90	.....	28, 799 90
Military contributions in Mexico	4, 091 43	.....	.....	4, 091 43	.....	4, 091 43
Pay of dropped navy officers	5, 900 98	.....	3, 800 00	9, 700 98	*9, 700 98	.....
Extra pay to officers and men serving in the Pacific .....	.....	.....	9, 847 88	9, 847 88	5, 000 00	4, 847 88
Expenses of courts of inquiry .....	.....	.....	349 22	349 22	.....	349 22
Basin and railway, California .....	.....	.....	5, 892 18	5, 892 18	.....	5, 892 18
Relief of widows and orphans, &c., of those lost in the "Albany," &c .....	.....	684 00	.....	684 00	.....	.....
Increase pay of clerks in the Washington navy yard .....	.....	817 63	.....	817 63	.....	.....
Relief of Joseph Morehead .....	.....	249 03	.....	249 03	.....	.....
Act for the benefit of the captors of the British brig Caledonia, approved February 23, 1859 .....	.....	.....	3, 381 70	3, 381 70	3, 381 70	.....
Act for relief of Wm. Nelson .....	.....	1, 005 76	.....	1, 005 76	1, 005 76	.....
Act for relief of the widows, &c., of those lost in the "Levant" .....	.....	34, 573 00	325 00	34, 898 00	34, 898 00	.....
Removal of naval monument .....	.....	.....	01	01	*01	.....
Coal depot, Key West .....	.....	30, 000 00	.....	30, 000 00	6, 059 00	23, 941 00
Totals	14, 856, 861 71	55, 700, 422 74	2, 434, 055 67	72, 991, 340 12	44, 983, 109 15	28, 008, 230 97

* Carried to surplus fund. † \$4,641 75 of this carried to surplus fund.

RECAPITULATION.

Amount applicable to the service of the fiscal year 1861-'62, as per aggregate of fourth column... \$72,991,340 12
From which deduct amount of refunding and transfer requisitions, as per third column..... 2,434,055 67

Will show the amount applicable to the above period..... 70,557,284 45
From which deduct amount drawn by requisitions from the treasury, as per aggregate of fifth column..... \$44,983,109 15
From which last sum deduct amount drawn by refunding and transfer requisitions, as per third column..... 2,434,055 67

Will leave the aggregate of sixth column of balances on June 30, 1862..... 28,008,230 97

No. 17.

TREASURY DEPARTMENT,
Fourth Auditor's Office, October 25, 1862.

SIR: I have the honor to present herewith an abstract, in duplicate, of expenditures charged to the appropriation of contingent expenses of the navy, in the settlement of accounts at this office, during the fiscal year ending the 30th of June last.

I have the honor to be, sir, very respectfully, your obedient servant,

HOBART BERRIAN.

Hon. GIDEON WELLES,
Secretary of the Navy.

Abstract of expenditures under the heads of contingent expenses of the navy and marine corps, as settled and allowed at the office of the Fourth Auditor of the Treasury, from July 1, 1861, to June 30, 1862, under act of March 3, 1809.

No. of account.	Name.	Rank.	Contingent of the navy.	Contingent of the marine corps.	Purposes.
2754	Lewis Warrington	Paymaster	\$20, 126 21	-----	Wages, postages.
2756	Austin E. Smith	Acting paymaster	16, 360 68	-----	Wages, &c.
2757	William F. Russell	Navy agent	13, 769 15	-----	Fuel, travel, transportation, &c.
2759	George Loyal	do	{ 21, 098 61	-----	Commissions, travel, &c.
2760	E. A. F. Lavelette	Captain	9 69	-----	Wages, &c.
2761	John O. Bradford	Paymaster	22 18	-----	Express charges and stationery.
2764	Charles Murray	do	9, 072 76	-----	Postages.
2763	Ed. C. Doran	do	9, 938 78	-----	Wages, postage.
2765	Lewis Warrington	do	2, 607 52	-----	Wages and postage.
2766	H. G. S. Key	do	10 00	-----	Wages.
2775	James H. Watmough	do	2, 982 44	-----	Apprehension of deserter.
2777	Thomas B. Nalle	do	14, 861 03	-----	Postage, wages, and transportation.
2778	A. F. Ammidown	Navy agent	{ 39, 019 45	-----	Wages, postage, and transportation.
2779	James D. Murray	Paymaster	5, 609 46	-----	{ Commission, travel, transportation, &c.
2782	Robert J. Freeman	Assistant surgeon	80 00	-----	Storage, pilotage, transportation, &c.
2784	Richard L. Tilghman	Lt. com'g, act'g paym'r.	2, 343 39	-----	Travelling expenses.
2786	William Badger	Navy agent	{ 6, 067 38	-----	Pilotage, boat hire, passage, &c.
2794	Calvin Brown	Civil engineer	279 27	-----	{ Commissions, &c.
2793	Samuel Magraw	Lieutenant	581 50	-----	Travel from New York to San Francisco.
2797	Richard W. Meade, jr.	do	246 00	-----	Travel from San Francisco to Valparaiso.
2798	W. B. Slack	Quarterm'r marine corps.	-----	-----	Travel.
2802	Hy. F. Wendell	Navy agent	366 42	\$3, 204 51	Miscellaneous.
2792	William Flinn	do	33, 719 60	-----	Commissions.
2803	William F. Russell	do	55, 475 58	-----	Commissions, &c.
2807	Austin E. Smith	do	47, 926 72	-----	Fuel, transportation, &c.
2811	J. George Harris	Paymaster	1, 145 78	-----	Fuel, transportation, commissions, &c.

Abstract of contingent expenses of the navy and marine corps, &c.—Continued.

No. of account.	Name.	Rank.	Contingent of the navy.	Contingent of the marine corps.	Purposes.
2815	N. H. Vanzandt.....	Lieutenant.....	\$212 50	-----	Travel.
2822	Ciprean Andrade.....	Third assistant engineer.	110 50	-----	Travel from New York to Panama.
2826	Haviland Barstone.....	do.....	110 25	-----	Travel from New York to Panama.
2827	Henry F. Bradford.....	do.....	104 00	-----	Travel from New York to Panama.
2828	George R. Johnson.....	First assistant engineer.	112 50	-----	Travel from New York to Panama.
2830	T. H. Stevens.....	Lieutenant.....	413 40	-----	Travel and incidental expenses of recruiting.
2831	D. H. McEwan.....	Third assistant engineer.	109 00	-----	Travel from New York to Panama.
2832	David Smith.....	do.....	111 80	-----	Travel from New York to Panama.
2833	George H. Riley.....	Second assistant engineer	107 50	-----	Travel from New York to Panama.
2836	Gilbert Dayton.....	Acting master.....	107 00	-----	Travel from New York to Panama.
2835	James K. Harwood.....	Paymaster.....	861 27	-----	Pilotage, postage, &c.
2829	B. J. Cahune.....	do.....	1,486 79	-----	Pilotage, transportation, towage, &c.
2837	A. E. Maxwell.....	Navy agent.....	6,716 63	-----	Commissions, &c.
2838	William R. Eckart.....	Third assistant engineer.	118 40	-----	Travel from New York to Panama.
2841	O. H. Berryman.....	Lieutenant commanding	1,440 00	-----	Pilotage, transportation, telegrams, &c.
2839	Henry Mason.....	First assistant engineer.	118 00	-----	Travel from New York to Panama.
2840	Edward Middleton.....	Commander.....	243 20	-----	Travel.
2845	G. F. Emmons.....	do.....	176 65	-----	Recruiting and travelling.
2849	G. L. M. McCarty.....	Third assistant engineer.	106 25	-----	Travel from New York to Panama.
2853	Thomas R. Ware.....	Paymaster.....	1,604 31	-----	Pilotage, boat hire, &c.
2854	A. A. Belknap.....	do.....	5,373 48	-----	Wages and postage.
2858	William Flinn.....	Navy agent.....	280 00	-----	Commissions.
2811	H. G. S. Key.....	do.....	6,351 06	-----	Commissions, fuel, transportation, &c.
2843	Thomas L. Tullock.....	do.....	2,533 48	-----	Commissions, fuel, transportation, &c.
2866	John S. Nicholas.....	Captain.....	44 59	-----	Expenses at Liverpool, waiting for steamer.
2868	William F. Russell.....	Navy agent.....	1,765 20	-----	Commissions, travel, &c.
2841	John V. B. Bleeker.....	Paymaster.....	69 85	-----	Wages at observatory.
2863	Austin E. Smith.....	Acting paymaster.....	4,789 00	-----	Wages, transportation, and postage.
2870	Walter D. Smith.....	Third assistant engineer.	7,234 39	-----	Wages, &c., &c.
			108 00	-----	Travel from New York to San Francisco via Panama.

2871	Isaac R. Oakford	do.....	114 00	.....	Travel from New York to San Francisco <i>via</i> Panama.
2872	R. B. H. Wharton	Second assistant engineer	258 50	.....	Passage from San Francisco to New York.
2873	Lucien Sullivan	Third assistant engineer	116 50	.....	Travel from New York to San Francisco.
2874	Thomas M. Dukeheart	do.....	258 50	.....	Travel from San Francisco to New York.
2875	Francis C. Goodwin	do.....	111 80	.....	Travel from New York to San Francisco.
2876	H. H. Cline	do.....	107 75	.....	Travel from New York to San Francisco.
2877	S. W. Cragg	do.....	267 50	.....	Travel.
2879	E. Alson	Second assistant engineer	110 50	.....	Travel from New York to San Francisco.
2880	Philip Inch	First assistant engineer	108 50	.....	Travel from New York to San Francisco.
2884	P. G. Peltz	do.....	258 50	.....	Travel from New York to San Francisco.
2869	Charles Steedman	Acting paymaster	6, 385 12	.....	Pilotage, boat hire, rent, salary, towage, &c.
2857	E. L. Norton	Navy agent	23, 187 27	.....	{ Commissions, travel, &c.
2865	G. H. Heap	Acting paymaster	3 00	.....	Transportation.
2902	John B. Stewart	do.....	485 59	.....	Transportation, &c., &c.
2893	Andrew J. Watson	Paymaster	2, 758 94	.....	Pilotage, towage, &c.
2895	C. K. Stribling	Captain	735 84	.....	Travel from Hong-Kong, China, to New York.
2903	William B. Slack	Quartermaster marine corps.	.....	5, 691 30	Miscellaneous.
2905	James H. Watmough	Paymaster	2, 856 45	.....	Wages and postage.
2898	James A. Semple	do.....	67 36	.....	Apprehension and postage.
2901	Thomas A. Dornin	Captain	285 59	.....	Travel from New York to Madeira.
2911	John O. Bradford	Paymaster	10 90	.....	Postage and transportation.
2914	Robert B. Riell	Lieutenant	273 08	.....	Travel from New York to Cadiz, Spain.
2915	William C. Munroe	Third assistant engineer	95 00	.....	Travel from New York to Panama.
2916	Charles I. Graves	Master	95 00	.....	Travel from New York to Panama.
2917	C. A. Chipley	Second assistant engineer	111 50	.....	Travel from New York to Panama.
2920	N. Doyley	Acting master	102 60	.....	Travel from New York to Panama.
2922	Thomas L. Tullock	Navy agent	4, 822 79	.....	Commissions, travel, &c.
2924	William Speiden	Paymaster	1, 162 94	.....	Boat hire, pilotage, funeral expenses, &c.
2909	H. G. S. Key	Navy agent	2, 465 29	.....	Travel, fuel, transportation, &c.
2925	H. M. Heiskell	Paymaster	117 70	.....	Travel, boat hire, raising ship Constitution, &c.
2929	Charles D. Maxwell	Surgeon	323 23	.....	Travel.
2930	James F. Armstrong	Lieutenant commanding	139 48	.....	Boat hire, lighterage, &c.
2928	Charles S. Boggs	Commander	290 40	.....	Travel from San Francisco to New York.
2930	Baring Brothers & Co.	Agents	21, 032 42	.....	Commissions, &c.
2937	William J. Montgomery	Third assistant engineer	34 22	.....	Wages at observatory.
2938	James M. Frailey	Lieutenant commanding	110 00	.....	Travel from New York to Panama.
2878	Francis Cronin	Third assistant engineer	108 35	.....	Pilotage, postage, towage.
			261 00	.....	Travel.

Abstract of contingent expenses of the navy and marine corps, &c.—Continued.

No. of account.	Name.	Rank.	Contingent of the navy.	Contingent of the marine corps.	Purposes.
2944	S. P. Brown.....	Navy agent.....	\$20, 417 50	-----	Commissions, &c., &c.
2946	B. F. Wood.....	Third assistant engineer.	101 85	-----	Travel from New York to Panama.
2949	The. F. Kane.....	Lieutenant.....	76 00	-----	Travel from New York to Panama.
2950	W. W. W. Divier.....	Carpenter.....	100 00	-----	Travel from New York to Panama.
2955	H. K. Hoff.....	Captain.....	100 00	-----	Travel from New York to Panama.
2958	William C. Lyman.....	Assistant surgeon.....	100 00	-----	Travel from New York to Panama.
2959	B. E. Chassaing.....	Second assistant engineer	258 50	-----	Travel from San Francisco to New York.
2961	And. J. Hough.....	Acting carpenter.....	100 00	-----	Travel from New York to Panama.
2963	John Melson.....	.....	75 00	-----	Travel from New York to Aspinwall.
2966	John D. Toppin.....	Third assistant engineer.	111 50	-----	Travel from New York to Panama.
2967	C. F. Plumer.....	Acting master.....	100 00	-----	Travel from New York to Panama.
2968	Charles A. Crooker.....	do.....	100 00	-----	Travel from New York to Panama.
2969	William Tallman.....	do.....	100 00	-----	Travel from New York to Panama.
2972	F. A. Wilson.....	Third assistant engineer.	258 50	-----	Travel from San Francisco to New York.
2986	Robert B. Riell.....	Lieutenant.....	71 10	-----	Formerly disallowed on insufficient evidence.
2989	B. M. Dove.....	Commander.....	264 70	-----	Boat hire, lightering, &c., &c.
2992	C. C. Upham.....	Paymaster.....	884 95	-----	Travel, pilotage, lightering, transportation, exchange, &c.
2994	George H. Ritchie.....	do.....	12, 231 89	-----	Transportation, travel, stationery, freight, &c., &c.
3000	Joseph Wilson.....	do.....	541 22	-----	Pilotage, apprehension, &c.
3002	James Filor.....	Naval storekeeper.....	4, 482 24	-----	Salaries of self and wages of persons employed at Key West in connexion with the naval stores.
3006	J. P. McKinstry.....	Commander.....	1, 181 50	-----	Travel from New York to Hong-Kong.
3008	H. M. Heiskell.....	Paymaster.....	635 38	-----	Travel, boat hire, lightering, pilotage.
3010	A. S. Baldwin.....	Lieutenant commanding	246 60	-----	Pilotage, travel, exchange, &c.
3011	C. K. Stribling.....	Captain.....	189 00	-----	Formerly disallowed.
3015	G. L. Davis.....	Paymaster.....	62 50	-----	Pilotage.
3016	William Ronckendorff..	Lieutenant commanding	136 71	-----	Pilotage and postage.
3017	Thomas A. Dornin.....	Captain.....	5 40	-----	Travel from New York to Madeira.
3020	Fred. Engle.....	do.....	916 89	-----	Travel from New York to Hong-Kong.
3022	William E. LeRoy.....	Lieutenant commanding	127 27	-----	Police expenses, candles, pilotage, postage, &c.

3027	W. B. Rittenhouse.....	Paymaster	278 02	-----	Stationery, apprehension of deserters.
3029	H. H. Pangborn.....	do.....	364 10	-----	Pilotage, transportation, wharfage.
330	William Badger.....	Navy agent	3,011 72	-----	Commissions, travel, &c.
3034	Gilbert Dayton.....	Acting master	145 75	-----	Travel from Panama to San Francisco.
3035	Charles Murray.....	Paymaster	23,038 15	-----	Wages and transportation.
3037	Frank Winslow.....	Lieutenant commanding	1 31	-----	Paper, tacks, locks, &c.
3040	J. B. Creighton.....	Lieutenant	100 00	-----	Travel from New York to Panama.
3041	Charles E. De Valin.....	Third assistant engineer.....	104 75	-----	Travel from Panama to New York.
3043	William Tallman.....	Acting master	70 00	-----	Travel from Panama to Acapulco.
3044	John Rodgers.....	Acting gunner.....	103 66	-----	Travel from New York to Panama.
3045	John B. Montgomery....	Commander	73 00	-----	Travel from Aspinwall to New York.
3046	C. Merchant.....	Lieutenant	100 00	-----	Travel from New York to Panama.
3047	William P. Ewing.....	Navy agent	2,611 98	-----	Commission, travel, &c.
3048	John N. Hambleton.....	Paymaster	6,352 40	-----	Travel, duties, salaries, rent, &c.
3052	D. Egbert	Surgeon.....	100 00	-----	Travel from New York to Panama.
3053	William B. Slack.....	Quarterm'r marine corps	-----	6,750 42	Miscellaneous.
3054	Horace H. Young.....	Acting master	95 00	-----	Travel from New York to Panama.
3056	Samuel B. Tuthill.....	Assistant surgeon	103 00	-----	Travel from New York to Panama.
3057	William Hardsin.....	Acting gunner.....	100 00	-----	Travel from New York to Panama.
3060	T. H. Eastman	Master.....	51 00	-----	Medical attendance, wood and water for prize crew.
3063	Thomas Robinson.....	Gunner	200 00	-----	Travel from New York to San Francisco.
3064	H. P. Grace.....	Boatswain	273 24	-----	Travel from New York to Cadiz.
3067	John A. Bates	Paymaster.....	1,396 70	-----	Storage, travel, transportation, pilotage, &c.
3071	Gust. Percival.....	Acting master.....	100 00	-----	Travel from New York to Panama.
3072	Joseph Stockbridge	Chaplain.....	104 00	-----	Travel from New York to Panama.
3073	William F. Loughton....	Carpenter	198 24	-----	Travel from New York to Cadiz.
3080	Charles H. Bell	Flag-officer.....	100 00	-----	Travel from New York to Panama.
3081	Robert F. Dumond.....	Secretary to flag-officer	100 00	-----	Travel from New York to Panama.
3083	James H. Baxter.....	Acting master	100 00	-----	Travel from New York to Panama.
3084	James R. Malcomb.....	do.....	100 00	-----	Travel from New York to Panama.
3085	John D. Ingraham.....	do.....	175 00	-----	Travel from New York to Acapulco.
3087	J. B. Creighton.....	do.....	195 00	-----	Travel from Acapulco to New York.
3088	John O. Bradford.....	Paymaster	27,249 37	-----	Wages, transportation, postage, &c., &c.
3089	Z. Talbot.....	Second assistant engineer	273 20	-----	Travel from San Francisco to New York.
3090	Samuel Whiting	Consul.....	20 00	-----	Expenses incurred in discharging cargo, labor, &c.
3094	L. J. Brown.....	Paymaster	2,074 30	-----	Postage, book-binding, rent, pilotage, &c.
3103	William Flinn.....	Navy agent	401 39	-----	Heretofore disallowed.
3107	James Sheridan.....	Third assistant engineer.....	287 60	-----	Travel from Mare island, California, to New York.
3109	George F. Kutz	First assistant engineer.....	287 50	-----	Travel from Mare island, California, to New York.

Abstract of contingent expenses of the navy and marine corps, &c.—Continued.

No. of account.	Name.	Rank.	Contingent of the navy.	Contingent of the marine corps	Purposes.
3099	J. V. B. Bleeker	Paymaster	\$9,789 72	-----	Wages and transportation.
3112	Richard Washington	do	178 00	-----	Pilotage.
3113	Charles Wilkes	Captain	700 00	-----	Expenses incurred in taking four persons from the Trent, and for examination of Deep River district, in North Carolina, as to coal, iron, timber, &c.
3114	George R. Mann	Assistant surgeon	4 00	-----	Travel from Washington to Baltimore.
3115	John Roap	Second assistant engineer	89 20	-----	Travel from New York to Panama.
3117	John F. Schenck	Commander	286 50	-----	Travel from Mare island, California, to New York.
3119	C. W. Abbott	Paymaster	849 53	-----	Pilotage, travel, &c.
3123	Charles F. Fahs	Surgeon	2 00	-----	Digging graves.
3124	S. W. Gordon	Commander	500 00	-----	Cash transferred to Acting Paymaster William Hennessy.
3127	W. K. Mayo	Lieutenant	286 50	-----	Travel from San Francisco to New York.
3130	O. F. Stanton	do	269 50	-----	Travel from San Francisco to New York.
3132	W. C. Nicholson	Captain	28 40	-----	Travel.
3134	William B. Slack	Quartermaster marine corps	-----	\$12,947 06	Miscellaneous.
3136	John D. Gibson	Paymaster	2,715 00	-----	Stationery, boat hire, pilotage, postage, &c., &c.
3139	M. C. Campbell	Lieutenant	293 00	-----	Travel, &c.
3142	R. B. Riell	do	151 10	-----	Travel from New York to San Francisco.
3148	Edward Foster	Paymaster	255 44	-----	Pilotage and postage.
3150	J. W. Kelly	Lieutenant	271 50	-----	Travel from San Francisco to New York.
3154	Fabius Stanley	Lieutenant commanding	861 50	-----	Pilotage, lighterage, &c., &c.
3101	James S. Chambers	Navy agent	6,356 67	-----	Transportation, fuel, commissions, &c.
3125	J. Henderson	do	32,233 37	-----	Transportation, fuel, commissions, &c.
3145	E. L. Norton	do	{ 40,711 89	-----	Miscellaneous.
3141	J. M. Benien	Commander	108 85	-----	Travel.
3144	Richard Chenery	Navy agent	54 90	-----	Travel, postage, fuel, &c., &c.
3155	Robert Ritchie	Captain	14,195 36	-----	Travel from San Francisco to New York.
3161	N. D. Ogby	Acting master	120 00	-----	Travel from San Francisco to New York.
3167	John Ferguson	Paymaster's clerk	277 75	-----	Travel from New York to Panama.
			117 10	-----	

3168	Edward Eldridge.....	Second assistant engineer	22	60	Travel from New Bedford to New York.
3170	John D. Gibson.....	Paymaster.....	179	50	Express charge and mess bill on passage to China.
3173	James A. Doyle.....	Lieutenant.....	80	00	Travel from New York to Aspinwall.
3177	James A. Semple.....	Paymaster.....	21	70	Transportation and postage.
3180	William K. Mayo.....	Lieutenant.....	100	00	Travel from New York to Panama.
3183	William H. Dana.....	do.....	268	50	Travel from San Francisco to New York.
3184	George Finney.....	Acting master.....	119	25	Travel from New York to San Francisco.
3181	Charles W. Hassler.....	Paymaster.....	1,544	39	Travel.
3186	James Fulton.....	do.....	10,134	00	Pilotage, repairs, lighterage, funeral expenses, &c., &c.
3158	T. L. Tullock.....	Navy agent.....	15,386	19	Miscellaneous.
3157	William P. Ewing.....	do.....	250	00	Commissions formerly disallowed.
3189	John S. Alanson.....	Captain's clerk.....	261	00	Travel from San Francisco to New York.
3190	E. P. Williams.....	Lieutenant.....	286	50	Travel from San Francisco to New York.
3191	Henry R. Day.....	Paymaster.....	3,133	60	Travel, towage, pilotage, stationery, &c.
3194	E. W. Dunn.....	do.....	344	75	Pilotage, lodging boat crew, &c.
3195	Timothy A. Hunt.....	Commander.....	272	50	Travel from San Francisco to New York.
3196	John McKinley.....	Boatswain.....	100	00	Travel from New York to Panama.
3197	George Bellows.....	Acting master.....	110	35	Travel from New York to Panama.
3200	Charles Wilkes.....	Captain.....	83	41	Travel and postage.
3203	Lewis Warrington.....	Paymaster.....	334	31	Pilotage and postage.
3207	Sidney A. Albert.....	Second assistant engineer	108	50	Travel from New York to Panama.
3208	R. E. Morse.....	United States consul.....	505	61	Fuel, duties, and difference of exchange.
3212	A. Goddard Gould.....	Acting paymaster.....	265	84	Pilotage.
3216	Henry Sickles.....	Master's mate.....	100	20	Travel from New York to Panama.
3217	Henry Eaton.....	Acting master's mate.....	105	56	Travel from New York to Panama.
3219	Calvin C. Jackson.....	Paymaster.....	935	39	Pilotage, boat hire, postage, &c.
3222	John J. Connell.....	Lieutenant.....	271	00	Travel from San Francisco to New York.
3223	William Lowber.....	Surgeon.....	283	50	Travel from San Francisco to New York.
3224	E. R. Denby.....	do.....	226	25	Travel from New York to San Francisco.
3225	William H. Macomb.....	Lieutenant commanding	9,263	26	Pilotage.
3227	William E. Taylor.....	Surgeon.....	197	75	Travel.
3230	Walter D. Smith.....	do.....	17	00	Travel.
3231	William G. Marcy.....	Paymaster.....	33	64	Transportation, apprehension, and postage.

HOBART BERRIAN.

TREASURY DEPARTMENT, Fourth Auditor's Office, October 25, 1862.

House documents

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